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EV 665

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v. 4



Air Quality Monitoring Report

Ontario 1972

Volume 4



Ministry
of the
Environment

Hon. William G. Newman,
Minister
Everett Biggs,
Deputy Minister

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Air Quality Monitoring Report

Ontario 1972

Volume 4

Total Oxidants; Ozone, Nitrogen Oxides
Nitrogen Dioxide, Carbon Monoxide
and Total Hydrocarbons



Ontario

Ministry of the Environment
Air Management Branch

CONTENTS

TOTAL OXIDANTS

Region	Station Number	Location	No. of Months	Page
1	12008	471 University Ave. Windsor	12	1
	14049	156 Victoria St. Sarnia	12	8
	15001	King-Rectory London	11	15
2	29025	Barton-Wentworth Hamilton	9	22
3	31001	67 College St., 5th Floor Toronto	9	28
5	51001	MacDonald Gardens Ottawa	7	34
	56051	Memorial Park Cornwall	9	39

OZONE

1	16001	Horticultural Station Simcoe	7	45
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NITROGEN OXIDES

1	12008	471 University Ave. Windsor	9	50
	14049	156 Victoria Street Sarnia	9	56
	15001	King-Rectory London	8	62
2	29025	Barton-Wentworth Hamilton	6	67
3	31001	67 College St., 5th Floor Toronto	6	71
	33002	Pharmacy-Hwy. 401 Scarborough	8	75
	34007	Bathurst-Wilson North York	4	80
	35003	Elmcrest Road Etobicoke	3	83
5	51001	MacDonald Gardens Ottawa	6	86
	56051	Memorial Park Cornwall	8	90

NITROGEN DIOXIDE

1	12008	471 University Ave. Windsor	4	95
	14049	156 Victoria St. Sarnia	4	98
	15001	King-Rectory London	3	101

2	22032	1/2 ml. W Hwy. 6-Hwy. 2 Jarvis	4	104
	29025	Barton-Wentworth Hamilton	3	107
3	33002	Pharmacy-401 Scarborough	5	110
	34007	Bathurst-Wilson North York	4	114

CARBON MONOXIDE

1	12008	471 University Ave. Windsor	12	117
	14049	156 Victoria St. Sarnia	12	124
2	29025	Barton-Wentworth Hamilton	8	131
3	31001	67 College St., 5th Floor Toronto	10	136
	31081	67 College St., 1st Floor Toronto	12	142
	33002	Pharmacy-401 Scarborough	9	149
	33003	Lawrence-Kennedy Scarborough	7	155
	34002	Science Centre North York	7	160
	34007	Bathurst-Wilson North York	8	165
	35003	Elmcrest Road Etobicoke	7	170
	35033	Evans-Arnold	10	175
4	48001	Hwy. 7-Hwy. 400	11	181
5	51001	MacDonald Gardens Ottawa	7	188
	56051	Memorial Park Cornwall	10	193
7	77016	Ash St. Sudbury	8	199
1	12008	471 University Ave. Windsor	12	204
	14049	Victoria St. Sarnia	12	211
	15001	King-Rectory London	12	218
	16001	Horticultural Station Simcoe	6	225
2	29025	Barton-Wentworth Hamilton	12	229
3	31001	67 College St., 5th Floor Toronto	12	236
	31081	67 College St., 1st Floor Toronto	12	243

3	33002	Pharmacy-Hwy. 401 Scarborough	12	250
	33003	Lawrence-Kennedy Scarborough	12	257
	34002	Science Centre North York	12	264
	34007	Bathurst-Wilson North York	12	271
	35003	Elmcrest Road Etobicoke	12	278
	35033	Evans-Arnold	12	285
5	51001	MacDonald Gardens Ottawa	9	292
	56051	Memorial Park Cornwall	7	298
7	77016	Ash St. Water Tank Sudbury	8	303

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	2	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	3	3	2	2	2	2
12	2	2	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	1	2	2	2	1	1	2
13	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	1	0	0	1	1	0	0	0	1
15	1	1	1	1	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	1
17	2	2	2	2	2	2	1	1	1	1	1	1	0	0	1	1	2	2	1	1	1	1	1	1	1
18	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	1
19	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
20	1	1	1	0	0	0	1	1	1	1	1	1	2	3	2	2	2	2	1	1	1	1	1	1	1
21	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
22	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	1	2	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	2	2	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	3	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	1	0	0
30	0	0	0	0	0	0	0	1	0	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1
31	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	1	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	0	0	0	0	0	0	0	1
3	1	1	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	2	2	1
4	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	0	1	1	1
7	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1
8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1
9	1	1	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	2	1	1	1	2	2	2	4	2	2	2	3	3	3	2	2	1	1	1	2	2	1	1
11	1	1	2	1	1	2	2	1	1	1	1	1	2	3	3	2	2	2	1	1	1	1	1	1	2
12	1	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	1	2	2	1
13	2	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	1
14	2	3	3	3	3	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	0	0	1	1	2	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1
20	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	0	0	0	0	1	1	1	1
21	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	1
22	3	3	3	3	2	2	1	0	0	0	1	1	2	1	2	1	1	2	2	1	1	2	2	1	1
23	1	1	1	2	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	2	1	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	1	1	1	1	1	1
28	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	4	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	2	2	2	2	3	2	3	3	3	2	2	3	2	2	3	3	4	2	2	2	4	2
2	2	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2
3	2	1	3	3	2	1	0	0	1	0	0	0	2	2	2	2	2	2	2	2	1	1	1	1	2
4	1	1	1	1	0	0	0	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	1	1	1	1	1	0	0	0	2	2	1	2	2	2	2	2	2	2	2	2	2
11	3	3	2	0	0	0	0	1	0	0	2	2	3	3	2	2	2	2	1	3	1	1	1	2	2
12	3	3	3	2	2	2	1	1	0	0	3	3	4	4	4	3	4	3	2	2	2	2	2	2	2
13	2	2	3	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	1	1	1	1	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	3	3	3	2	2	2	1	1	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2
21	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2	3	3	3	2	3	3	2	2	3	2
22	3	3	3	2	1	1	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	3	3	2	2	2	2	2	2	3	2	2	2	2	2	1	1	1	0	0	1	2
24	2	1	1	1	1	1	1	1	0	0	0	0	2	2	3	3	3	3	2	2	1	1	1	2	2
25	2	2	1	1	1	1	1	1	1	1	1	1	3	4	4	4	4	4	3	3	2	2	1	1	3
26	1	1	1	1	2	1	2	1	1	1	1	1	4	4	5	5	4	4	4	3	2	2	1	1	3
27	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	0	0	1
28	0	1	1	1	1	1	0	0	0	0	1	2	2	2	2	2	2	2	1	1	1	0	0	1	1
29	0	1	2	2	2	2	1	1	1	1	1	2	2	2	2	1	2	1	1	0	0	1	1	1	1
30	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	2	2	2	1	1	1	1	1	1	1
31	0	0	0	0	0	0	1	1	1	2	3	4	4	4	4	4	4	3	2	2	1	1	1	1	2
MEAN	2	2	2	1	1	1	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	1	0	2	1	2	2	3	3	3	3	3	2	1	1	1	1	1	2
2	1	1	1	1	1	1	1	2	0	3	3	3	3	3	3	3	3	3	2	2	1	1	1	1	2
3	1	1	1	1	1	1	1	2	0	3	3	3	3	3	4	4	4	4	3	4	3	2	3	2	2
4	1	1	1	1	1	2	2	2	0	3	3	3	3	3	3	3	3	2	2	2	1	0	1	2	2
5	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	3	3	2	1	0	0	0	0	0	0
6	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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11	0	0	0	0	0	2	2	2	0	2	3	3	4	5	5	5	4	4	4	5	6	6	5	5	4
12	4	4	3	3	2	2	2	2	0	2	3	4	5	5	5	5	4	4	4	4	4	3	3	3	4
13	3	1	1	1	1	1	1	1	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	3	2	2	2	1	2	3	3	0	3	3	4	3	3	3	3	3	3	2	3	3	3	3	3	3
15	3	2	2	3	4	4	4	3	0	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
16	3	2	2	3	4	4	4	4	0	2	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3
17	1	2	2	1	1	2	2	4	0	2	2	3	3	4	4	5	5	5	4	4	4	4	4	4	4
18	2	2	1	1	1	1	2	2	0	3	4	5	6	6	6	6	6	6	5	5	5	5	5	5	5
19	2	1	1	1	1	2	2	2	0	3	4	5	6	6	6	6	6	6	5	5	5	5	5	5	5
20	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
21	1	1	2	2	1	2	2	2	0	3	3	3	4	5	5	4	4	4	4	4	3	3	3	3	3
22	3	3	4	3	3	2	2	2	0	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
23	1	1	1	1	1	1	1	1	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	1	1	2	2	2	2	1	1	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	1	1	1	1	1	1	1	1	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	3	2	2	2	3	2	0	3	3	3	4	4	5	4	4	4	4	4	4	4	4	4	4
27	1	1	1	1	1	1	1	1	0	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
28	6	6	6	6	6	6	6	6	0	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
29	2	2	3	2	2	2	2	2	0	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
30	4	2	3	2	2	2	2	2	0	3	3	5	6	7	8	8	7	7	6	4	3	3	3	3	4
MEAN	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	3	3	3	2	2	2	2	3

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

	STATION - 471 UNIVERSITY WINDSOR OAMST								NO 12008																MONTH MAY 72							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN							
1	2	2	3	2	2	1	1	2	2	4	4	5	4	3	4	4	4	4	3	2	2	1	1	1	3							
2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	2	2	1	1	1	1	2							
3	1	1	1	1	1	1	1	1	2	2	2	2	2	3	4	4	3	3	3	2	2	2	1	1	2							
4	1	2	1	1	1	2	2	2	2	1	2	2	2	3	4	3	2	2	2	1	1	1	1	1	2							
5	3	5	5	3	3	4	4	4	2	3	3	4	5	5	5	6	7	7	5	4	3	4	5	4	4							
6	3	3	3	4	4	3	3	2	3	4	4	5	6	6	6	6	6	6	7	3	2	2	2	2	4							
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2							
8	1	1	1	1	1	2	2	2	3	3	2	3	2	3	3	4	3	3	2	3	2	2	2	2	2							
9	2	3	3	3	3	3	3	2	3	4	4	5	5	5	5	6	5	4	3	3	3	2	2	2	4							
10	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	3	2	1	2	3							
11	2	1	1	1	2	2	2	2	3	4	4	5	5	5	5	4	5	3	2	2	1	0	0	1	3							
12	1	1	1	1	1	1	1	1	2	3	4	4	4	4	4	4	3	3	2	1	1	1	1	1	2							
13	1	1	1	1	1	1	1	1	2	3	4	4	4	4	4	4	4	3	3	3	3	2	2	2	3							
14	2	2	2	1	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2							
15	3	3	3	2	2	2	2	1	2	3	3	3	3	4	4	3	3	3	3	2	2	2	2	2	3							
16	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	2	1	2	1	2	2	2							
17	1	1	2	2	1	1	1	2	2	3	3	4	4	4	3	4	4	4	3	2	1	1	1	0	2							
18	0	0	1	1	1	2	2	4	6	8	9	10	9	7	5	4	7	6	3	1	1	1	0	4	3							
19	0	0	0	1	1	0	2	2	4	5	6	6	6	6	5	5	6	5	4	3	3	2	2	2	3							
20	2	1	1	1	1	1	2	2	2	3	4	4	4	6	6	6	7	6	4	4	3	3	2	2	3							
21	1	2	0	0	0	1	1	1	2	4	6	8	9	9	8	7	4	3	3	2	1	0	0	0	3							
22	0	0	0	0	0	0	0	1	1	2	2	4	5	5	4	4	4	3	3	2	1	1	0	0	2							
23	1	0	0	0	0	1	1	1	2	4	6	6	7	9	10	9	8	6	5	1	2	0	1	4	4							
24	1	0	0	0	1	3	4	2	6	6	6	8	9	10	9	7	6	7	6	4	2	2	2	1	4							
25	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	5	6	6	6	4	3	4	3	3	3							
26	3	2	2	2	1	2	2	3	4	4	5	5	5	5	4	4	6	7	5	4	3	3	3	2	4							
27	2	2	1	1	1	1	1	1	4	4	5	5	5	6	7	7	7	8	7	6	4	5	3	4	3							
28	4	5	4	2	2	2	2	3	4	5	5	7	7	8	8	8	10	9	7	6	5	3	4	4	5							
29	5	5	3	2	2	1	1	2	2	3	5	7	8	9	10	10	9	6	4	3	3	3	3	3	5							
30	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	0	0	0	0	1	1	1	1							
31	0	1	1	1	1	1	0	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1							
MEAN	2	2	2	1	1	2	1	2	3	3	4	4	5	5	5	5	5	4	4	3	2	2	2	2	3							

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

	STATION - 471 UNIVERSITY WINDSOR OAMST								NO 12008																MONTH JUN 72							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN							
1	1	1	1	1	1	1	1	2	2	2	3	3	3	4	3	4	2	2	3	2	2	2	2	2	2							
2	2	2	2	2	2	2	2	1	2	2	3	5	5	6	7	7	7	7	3	5	2	2	1	2	4							
3	3	2	2	2	1	1	0	1	2	2	3	3	4	4	5	5	7	7	6	6	5	4	3	1	3							
4	2	2	3	2	2	2	2	2	2	3	3	3	4	4	5	4	3	2	2	2	1	1	1	1	2							
5	1	1	1	1	1	1	1	1	1	2	3	3	4	4	5	4	5	5	4	3	2	2	1	1	2							
6	1	2	2	2	3	2	1	2	3	3	2	5	6	7	6	6	5	5	3	3	3	2	2	2	3							
7	3	5	3	2	2	2	3	2	3	3	3	4	5	6	8	6	10	12	11	7	3	2	1	0	4							
8	1	1	1	0	1	0	1	2	4	6	8	8	9	9	10	9	9	8	6	5	4	3	3	3	5							
9	3	3	2	1	1	1	1	2	1	1	1	2	1	2	2	1	1	1	1	1	1	1	0	1	1							
10	1	1	0	0	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	2	1	1	1	1	2							
11	1	1	2	2	1	1	2	2	3	3	3	4	4	4	5	5	4	4	4	3	3	3	1	1	3							
12	1	1	1	2	2	2	2	1	3	3	3	4	3	3	3	2	2	2	1	1	1	1	1	1	2							
13	2	2	1	1	1	2	2	2	2	3	3	5	5	6	6	6	5	6	5	4	3	2	2	1	3							
14	1	1	1	1	1	1	1	1	2	2	3	5	5	6	6	6	5	5	4	3	3	3	3	2	3							
15	3	2	2	1	1	1	1	1	1	1	1	2	3	4	4	4	4	4	4	4	3	2	2	1	2							
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
17	1	1	1	1	1	0	1	1	1	2	2	3	3	4	4	4	4	4	4	3	3	2	2	2	2							
18	2	2	3	2	2	1	1	1	2	4	6	6	6	6	6	6	6	7	7	6	5	4	2	2	4							
19	2	3	3	4	4	3	2	3	3	5	7	7	5	6	6	5	5	4	4	3	3	3	3	3	3							
20	2	1	1	1	0	0	0	0	0	0	0	2	3	4	4	4	4	4	2	1	2	1	0	0	2							
21	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1							
22	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1							
23	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	3	2	2	2	2	2	1	1	1	2							
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
25	1	1	1	1	1	1	1	0	1	1	1	2	3	3	2	2	2	2	2	2	2	2	1	1	2							
26	1	2	1	1	1	1	1	1	2	1	0	1	5	8	8	5	7	7	5	4	2	1	1	0	3							
27	1	1	1	1	0	1	2	0	2	2	1	1	2	7	4	8	10	9	7	5	4	3	3	3	3							
28	2	2	2	1	1	1	2	1	3	5	5	4	5	5	5	5	5	5	5	6	6	4	4	4	4							
29	4	4	3	3	3	2	2	1	2	2	3	4	4	5	6	6	5	4	3	3	2	2	2	2	3							
30	2	2	2	2	2	2	2	1	3	3	3	4	4	5	6	3	4	4	2	2	2	1	1	2	2							
MEAN	2	2	2	1	1	1	1	1	2	2	3	3	4	4	5	4	4	4	4	3	3	2	2	2	3							

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	0	0	0	0	0	1	2	2	2	3	3	3	4	4	4	3	2	2	2	1	1	2
2	1	1	1	1	1	1	0	0	1	2	2	3	3	3	3	4	3	3	2	2	3	2	1	1	2
3	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	2	2	1	1	1	0	0	0	0	1
4	1	1	1	1	1	1	1	1	1	0	2	2	2	3	3	3	4	2	2	1	1	1	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	3	3	3	3	3	5	4	3	2
6	4	4	5	6	6	8	6	0	5	5	4	3	3	4	3	5	7	6	5	5	3	2	2	2	4
7	2	2	2	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	4	3	2	3	2	1	1	0	2	2	2	3	3	3	3	5	5	5	5	4	3	4	4	4	3
12	6	4	2	2	2	2	2	0	3	3	3	4	4	4	4	5	5	5	5	3	3	3	3	3	3
13	3	2	2	3	2	2	2	0	2	2	2	2	2	4	4	3	3	3	3	3	3	3	3	3	3
14	2	2	2	2	2	1	2	0	2	2	2	2	3	4	4	4	3	4	4	3	2	2	2	2	3
15	2	2	2	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	2	1	1	2	2	2	0	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
18	1	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1
19	0	1	1	1	1	0	0	1	0	1	1	1	0	1	0	0	1	6	8	8	6	5	4	3	2
20	3	2	2	2	2	1	1	0	0	0	3	4	5	5	5	5	4	4	3	3	2	2	2	2	3
21	2	2	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1
22	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	1	1	1	1	1	1	0	1	2	2	2	2	2	3	3	2	2	2	2	2	1	1	2	2
28	2	2	1	1	1	1	1	0	1	1	1	1	1	3	2	2	2	1	1	1	0	0	1	1	1
29	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
30	2	1	1	1	1	2	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	0	0	0	0	0	1	2	0	0	2	2	3	1	5	9	9	9	12	10	9	7	5	3	2	4
MEAN	2	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	2	2	0	0	0	7	7	6	6	7	7	7	6	3	3	2	2	2	4
2	2	2	2	2	1	1	1	1	0	2	2	3	3	3	5	5	4	3	2	2	2	1	1	1	2
3	1	1	1	1	1	1	1	1	0	1	1	3	3	4	3	3	3	3	2	1	1	1	1	1	2
4	1	1	1	1	1	1	1	1	0	1	1	3	3	4	3	3	3	3	2	1	1	1	1	1	2
5	2	1	3	3	3	3	6	0	2	2	2	4	5	7	6	6	6	5	5	5	3	2	1	1	4
6	1	1	1	1	2	1	2	0	0	0	0	3	3	4	4	4	2	2	2	1	1	1	1	1	2
7	1	1	1	1	1	1	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
9	1	2	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	2	2	2	2	3	5	2	5
10	8	7	7	6	6	6	6	0	3	3	3	3	4	4	5	4	7	5	4	2	3	3	3	2	5
11	1	1	1	1	1	2	2	1	0	0	2	3	4	5	5	4	4	4	5	4	3	3	3	2	3
12	1	1	1	1	1	1	1	1	1	2	3	3	3	4	5	6	5	4	3	3	2	2	1	1	2
13	2	2	2	2	3	3	4	4	2	4	4	4	4	5	3	3	4	6	7	6	5	4	4	4	4
14	3	3	1	1	1	1	1	1	1	1	3	3	3	4	6	5	6	5	4	3	3	3	2	1	3
15	1	1	1	1	1	1	1	1	1	2	3	3	4	3	3	4	4	4	4	4	3	3	2	2	2
16	2	2	2	2	1	1	1	2	1	3	4	4	5	5	5	4	3	4	4	3	2	2	2	3	3
17	2	2	2	2	2	1	1	2	2	2	2	4	5	7	7	7	6	5	5	4	3	2	1	2	3
18	2	2	2	1	1	1	2	2	0	2	3	7	11	10	8	5	5	6	3	2	1	1	1	1	3
19	1	1	1	2	1	1	1	1	1	0	2	4	3	4	3	3	4	4	4	2	2	2	1	1	2
20	2	2	2	1	1	1	1	0	1	2	4	4	5	5	5	5	4	3	3	2	1	1	2	1	3
21	2	1	1	2	1	1	0	0	0	0	4	9	11	11	13	11	10	9	8	6	4	4	4	4	5
22	5	4	3	3	2	2	1	2	0	0	3	4	4	5	5	5	5	4	3	3	2	2	1	1	3
23	1	1	1	1	1	1	1	1	1	1	2	3	3	4	5	6	6	6	3	3	3	3	2	2	2
24	2	2	2	2	2	1	1	1	1	2	3	4	4	5	5	3	1	2	2	2	2	2	3	1	2
25	2	2	1	1	1	1	2	2	1	0	4	7	6	7	8	9	8	7	6	5	3	2	2	1	4
26	3	3	3	3	3	3	2	2	2	2	2	3	4	4	4	3	3	3	3	3	2	2	2	1	3
27	1	1	1	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2
28	1	1	1	1	0	1	2	2	2	2	3	3	3	4	4	4	4	4	4	1	1	1	1	1	2
29	1	1	1	1	1	1	2	4	2	2	3	3	5	5	4	4	4	4	3	2	2	2	2	2	3
30	4	1	2	1	0	1	3	3	0	0	3	4	4	4	4	4	4	3	2	2	2	2	2	2	3
31	2	1	1	1	1	2	2	2	0	0	0	0	6	6	6	6	6	6	4	3	2	2	3	4	3
MEAN	2	2	2	2	1	1	2	2	2	2	3	4	4	5	5	5	4	4	3	3	2	2	2	2	3

PERCENTAGE OF DATA VALID - 95

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH SEP 72

PERCENTAGE OF DATA VALID - 70

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH OCT 72

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	1	0.000	1	1	1	1	0.000	0.000	1	2	2	2	1	1	1	1	1	2	1
2	2	2	2	1	2	2	2	0.000	4	2	2	1	2	2	3	2	2	1	1	1	1	1	2	2	2
3	2	1	2	1	1	2	1	0.000	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1
4	1	1	2	1	1	1	2	0.000	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	2	1	1	1	1	1	0.000	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
6	1	1	1	1	1	1	1	0.000	2	1	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	0.000	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
8	2	1	1	1	1	1	1	0.000	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	2	2	2	2	2	2	0.000	0.000	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2
10	2	2	2	2	2	2	1	0.000	0.000	0.000	0.000	0.000	0.000	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	1	1	1	1	0.000	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2
12	2	2	2	2	1	1	1	0.000	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	2	2
13	3	3	2	1	1	1	1	0.000	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
14	1	1	1	1	1	1	1	0.000	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
15	3	3	3	3	3	3	3	0.000	3	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2
16	2	2	2	2	1	1	1	0.000	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	0.000	0.000	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	3	2	2	2	2	2	2	0.000	3	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3
19	2	2	2	2	2	2	2	0.000	1	2	3	1	1	1	2	2	2	2	2	2	1	1	1	1	1
20	1	1	1	1	1	1	1	0.000	3	2	2	1	2	2	1	2	0.000	2	2	2	2	2	3	3	2
21	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	2	2	2	2	1	1	2	1	2	0.000
22	1	2	1	1	1	1	1	0.000	0.000	0.000	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1
23	2	1	1	1	1	1	1	0.000	1	1	1	2	1	2	1	0.000	1	1	1	1	1	1	2	1	1
24	1	1	1	1	1	1	1	0.000	1	2	0.000	1	2	1	2	1	2	2	2	2	2	1	2	2	1
25	2	2	2	1	1	1	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	1	1	1	2	2	0.000	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	1	1	1	1	1	1	1	0.000	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	2	2	2	2	2	2	2	2	2	0.000
29	2	2	2	2	2	2	2	0.000	3	2	2	1	1	1	2	0.000	1	2	2	2	2	2	2	2	2
30	2	2	2	1	1	1	1	0.000	2	2	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2
MEAN	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	1	1	1	0.000	0.000	0.000	1	2	1	2	1	1	2	2	3	2	2	2	2	2	2
2	2	1	1	1	1	2	2	0.000	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2
3	1	1	2	1	1	1	1	0.000	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
4	1	1	1	2	2	1	1	0.000	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2
6	2	2	2	1	1	1	1	0.000	1	1	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2
7	2	1	1	1	1	0	1	0.000	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1
8	1	1	2	1	1	1	1	0.000	2	2	2	2	2	2	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
9	2	2	1	1	1	1	1	0.000	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2
10	1	2	2	2	1	1	1	0.000	1	1	2	2	2	2	2	1	1	1	2	2	2	2	1	1	1
11	1	1	1	1	1	1	1	0.000	2	2	1	1	1	1	2	1	1	1	0	0	1	1	1	1	1
12	1	1	0	1	1	1	1	0.000	1	0.000	1	2	1	2	2	2	2	2	2	1	2	2	2	2	1
13	2	2	2	2	2	1	1	0.000	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
14	1	1	1	1	1	1	1	0.000	0.000	1	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1
15	1	1	1	1	1	1	1	0.000	0.000	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
16	1	2	1	2	2	2	1	0.000	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
17	1	1	1	1	1	2	2	0.000	1	1	1	1	0	0	0	1	1	0	1	1	1	1	0	0	1
18	0	1	1	0	0	0	0	0.000	0	1	1	2	2	2	2	2	2	1	1	2	2	2	1	1	1
19	1	1	1	1	1	1	1	0.000	1	2	2	2	2	1	1	2	1	1	1	1	2	3	3	1	1
20	2	2	3	2	1	1	1	0.000	2	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
21	2	2	2	1	1	1	1	0.000	2	2	2	2	2	2	2	2	2	3	5	6	4	4	5	3	3
22	3	2	2	2	1	2	2	0.000	3	3	3	0.000	5	4	4	4	5	6	5	6	5	4	3	3	4
23	2	2	2	1	1	1	1	0.000	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	1	1
24	2	2	2	1	1	1	1	0.000	2	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1
25	2	2	2	2	2	2	2	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	2	2	2	2	2	0.000	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1
28	2	2	1	1	2	2	2	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
29	1	2	2	2	2	2	2	0.000	0.000	0.000	1	0.000	1	1	1	1	1	1	1	1	2	2	2	2	2
30	2	2	1	1	1	1	1	0.000	1	1	2	1	2	2	2	1	1	2	4	2	2	3	3	3	2
31	2	2	3	3	3	2	2	0.000	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
MEAN	1	2	2	1	1	1	1	0.000	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	1	2	3
FEB	29	1	2	4
MAR	31	2	3	5
APR	25	3	4	8
MAY	31	3	5	10
JUN	30	3	5	12
JUL	29	2	4	12
AUG	31	3	5	13
SEP	24	2	4	8
OCT	30	2	4	10
NOV	30	2	2	4
DEC	31	2	4	6
YEAR	351	2	5	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	469	202	0	0	0	0	671
FEB	410	237	3	0	0	0	650
MAR	233	444	38	0	0	0	715
APR	133	287	97	6	0	0	523
MAY	194	301	157	48	0	0	700
JUN	248	274	140	33	2	0	697
JUL	337	189	76	10	1	0	613
AUG	230	290	158	27	5	0	710
SEP	183	256	61	7	0	0	507
OCT	123	425	68	8	0	0	624
NOV	260	387	4	0	0	0	651
DEC	390	288	17	0	0	0	695
YEAR	3210	3580	819	139	8	0	7756

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88	0	0.2	0.7	1.3	1.9	3.4	4.5	5.9	7.1	13	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	2	3	3	3	4	3	3	3					3	2	3	2	2	2	1	1	1	1	1	1	3
5	3	3	3	4	3	3	3	2					4	3	3	2	2	2	4	4	2	3	3	3	3
6	2	1	1	1	1	2	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8																									
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	3	3	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12																									
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	6	6	7	7	7	7	4
27	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	2	2	3	4	3	3	3	4	3	3	3	3	3	3	3
29	3	3	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	4	4	4	4	3	3	3	3	3	2
31	2	2	3	3	3	3	3	3	1	1	0		2	3	3	2	2	3	3	3	3	3	3	4	3
MEAN	2	2	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 52

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	4	4	4	5	5	5	4	4														
2																									
3	4	3	3	3	3	3	3	3					3	4	3	4	3	3	3	3	4	4	4	4	3
4	4	4	4	4	4	4	4	4					3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	3	3	3	3	3	2	2	2	2			3	3	3	3	3	3	3	3	2	2	1	2	3
6																									
7																									
8	1	1	1	1	1	2	1	2	2				0	3	3	3	3	2	3	2	1	1	1	1	0
9																									
10																									
11	2	2	3	2	2	2	2	2					3	3	3	3	4	3	3	3	2	1	2	3	3
12	2	2	1	1	1	1	1	1					2	2	2	1	2	1	3	3	2	3	3	3	2
13	2	2	2	1		1	1	1					0	2	2	1	1	2	2	1	1	2	2	3	2
14	1	2	3	3	3	3	3	3																	
15																									
16	3	3	3	2	2	2	2	2					1	3	3	2	2	2	3	3	4	3	4	3	3
17	3	4	3	2	3	4	4	4					2	2	2	3	3	3	3	3	3	3	2	1	3
18	2	1	2	2	2	2	2	1					3	3	1	2	2	2	2	2	2	2	2	2	2
19	2	3	3	3	3	4	4	4					3	3	3	3	3	4	4	4	4	4	3	3	3
20	3	3	3	3	3	3	3	2					3	3	4	4	4	4	4	3	3	2	3	3	3
21	2	2	2	2	2	1	1	1					2	2	3	3	3	3	3	3	4	4	4	4	2
22	4	4	4	4	4	4	4	4																	
23	3	3	3	3	3	3	3	3					3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	2	3	3					2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	3	3	3	2	2	2	2					2	2	2	2	2	2	2	2	2	2	2	2	2
26	3	3	3	3	3	3	3	3					3	3	3	3	3	3	3	3	3	3	3	3	3
27																									
28																									
29																									
MEAN	3	3	3	3	3	3	3	3	3	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 69

UNITS - PARTS PER HUNDREDMILLION

MONTH MAR 72

PERCENTAGE OF DATA VALID - 67

UNITS - PARTS PER HUNDREDMILLION

MONTH APR 72

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	2	2	2	2	2	2	3	3	2	3	2	3	3	3	2	3	4	4	3	3	4	4	4	3
5	5	5	5	4	4	4	4	3	3	2	3	2	3	3	3	2	2	6	5	4	4	4	4	4	4
6	5	4	4	4	4	4	4	3	3	0	3	3	3	3	3	2	2	3	2	2	2	2	2	2	3
7	3	2	1	2	2	2	2	0	0	0	0	2	2	3	3	3	3	4	3	4	3	4	4	4	3
8	4	5	5	4	4	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	2	3	3	3	3	3	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	2	2	2	2	2	2	2	1	1	2	3	3	4	4	4	5	4	4	4	2	3	2	2	2	3
13	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1
14	1	2	3	3	2	1	1	1	1	1	2	2	3	3	3	2	2	3	3	1	2	2	3	3	2
15	4	4	4	4	3	3	2	1	0	0	0	2	2	2	2	2	2	2	2	1	2	2	2	2	2
16	2	2	2	2	2	2	2	2	4	5	6	7	7	8	8	7	7	8	5	3	3	4	4	5	4
17	5	3	2	1	1	1	2	2	4	6	8	11	11	10	11	9	8	9	8	0	6	6	4	4	6
18	4	5	4	5	4	3	3	3	2	5	6	8	9	10	8	8	7	6	4	3	4	4	4	5	5
19	4	5	5	5	5	5	5	5	5	7	10	13	13	13	13	13	12	13	12	9	6	6	4	3	8
20	5	6	4	3	3	3	4	4	10	10	11	10	11	12	10	10	8	5	6	5	4	4	4	3	6
21	4	5	3	4	3	3	3	2	2	2	3	3	3	3	3	2	2	2	2	1	1	1	0	0	3
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	5	6	6	6	6	4	3	2	3	3	4	5	6	7	7	6	7	6	6	5	4	3	4	4	5
26	4	4	4	3	4	4	3	4	0	0	0	0	6	6	6	7	7	8	7	5	3	3	3	3	5
27	6	6	5	5	4	3	3	4	0	0	5	6	7	7	8	8	8	8	6	4	4	4	3	2	6
28	3	2	2	3	5	5	4	3	0	0	6	5	8	9	10	9	11	11	10	8	6	4	5	4	6
29	5	3	2	2	4	4	2	2	0	0	4	5	7	7	7	9	7	7	6	5	5	4	3	2	5
30	2	2	1	1	1	1	1	1	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	0	0	2	2	2	2	2	0	2	2	2	2	2	2	1	1	2
MEAN	3	3	3	3	3	3	3	2	3	4	4	5	5	5	5	5	5	5	5	4	3	3	3	3	4

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	0	0	0	2	2	2	3	5	4	5	5	3	3	3	1	1	1	2
2	2	5	4	3	2	2	2	2	2	3	2	2	4	5	5	5	7	7	6	8	7	6	4	3	4
3	2	5	4	3	2	2	2	2	2	3	2	2	4	5	4	4	4	4	4	7	7	4	4	4	3
4	3	4	2	2	2	2	2	2	3	3	5	6	7	7	7	6	7	7	7	6	4	3	3	3	4
5	3	4	3	3	3	3	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
11	2	1	1	1	1	2	2	2	2	3	4	6	6	6	6	6	6	5	4	3	4	3	3	4	3
12	4	4	4	2	1	1	1	1	2	1	2	2	2	2	2	2	2	3	3	2	2	2	2	1	2
13	1	1	2	3	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	0	1	1	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	3	3	2	2	3

PERCENTAGE OF DATA VALID - 42

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
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24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	4	4	5	5	5	5	4																		
3	2	1	1	1	1	1	1	1																	
4	1	1	1	0	0	0	0	1	0	2															
5	1	1	0	0	0	0	1																		
6	4	4	5	4	1	1	2																		
7	1	1	0	0	0	1	1																		
8	0	0	0	0	0	0	0																		
9	1	1	1	2	2	1	2																		
10	1	1	1	1	1	1	1																		
11	2	2	2	3	3	2	1	2	1																
12	1	2	2	2	2	2	2																		
13	2	2	1	1	0	1	1	2																	
14	3	2	1	1	1	1	1	1																	
15																									
16																									
17																									
18	2	1	2	1	1	2	1	2																	
19	1	1	0	0	0	0	1	1																	
20	2	2	2	2	1	1	1	2																	
21	3	5	5	4	3	3	2	2																	
22	4	3	4	3	2	4	2	1																	
23	2	2	4	2	2	1	1	1																	
24	2	2	1	1	1	1	1	2																	
25	4	3	3	3	2	2	2	1																	
26	2	1	1	1	1	1	1	1																	
27	1	1	1	1	1	1	1	1																	
28	3	2	2	2	1	1	1	1																	
29	3	4	2	2	2	2	2	2																	
30																									
31	3	2	3	3	2	2	1	1	2	3															
MEAN	2	2	2	2	1	2	1	2	2	3	4	4	5	5	5	5	6	6	5	4	3	3	3	2	3

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	5	5	6	5	5	1	9	****	12	12	12	11	12	15	13	19	16	10	5	4	4	9
2	3	4	3	3	3	3	3	****	3	3	3	2	1	2	2	2	2	2	2	2	2	2	2	1	2
3	1	1	1	3	2	2	2	****	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2
4	1	2	2	2	2	2	2	****	2	2	3	4	4	4	4	4	4	4	4	3	1	1	1	1	3
5	1	1	1	1	1	1	1	****	****	3	5	6	6	7	7	8	8	8	8	7	5	4	4	4	4
6	3	3	3	2	1	1	1	2	****	3	3	4	5	8	14	12	11	7	8	8	8	6	5	4	6
7	7	7	7	5	3	3	3	3	****	3	4	4	6	7	7	9	8	9	8	8	6	5	4	3	6
8	3	3	3	3	3	4	4	3	****	3	3	4	4	4	4	4	3	3	3	3	3	2	1	1	3
9	2	2	2	1	1	1	1	****	2	2	3	3	3	3	3	3	3	3	3	3	3	2	1	1	3
10	1	1	1	1	1	0	1	****	2	2	3	3	4	4	5	4	5	4	4	3	3	3	2	2	3
11	3	3	3	2	2	1	****	****	1	2	3	3	3	3	4	3	3	3	3	2	3	3	3	2	3
12	2	2	2	2	2	2	2	****	3	3	4	4	4	4	4	4	3	4	3	2	3	3	2	1	3
13	2	2	2	3	3	3	3	****	****	3	4	5	6	6	5	5	5	4	4	3	3	2	1	2	3
14	3	3	3	4	3	3	3	****	3	3	3	3	9	4	4	4	3	3	2	2	2	2	1	1	3
15	1	1	1	1	1	1	2	3	****	****	6	7	7	9	9	9	7	6	4	3	2	2	2	2	4
16	2	2	2	2	1	1	1	****	****	4	5	6	9	12	9	7	5	4	4	3	3	2	1	1	4
17	1	3	4	4	4	3	3	****	****	5	6	6	5	5	5	5	4	4	2	1	3	3	3	3	4
18	4	3	2	2	1	2	2	****	2	3	3	4	5	4	5	4	5	5	3	3	3	4	4	3	3
19	3	3	4	3	2	2	2	****	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	3
20	2	1	1	1	1	1	1	****	2	4	4	4	5	5	5	4	4	4	3	3	3	3	3	2	3
21	2	1	1	1	0	0	1	****	2	2	3	3	4	4	3	4	4	3	2	2	1	1	1	1	2
22	1	2	1	1	1	1	1	****	2	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	****	1	1	2	2	2	3	3	2	2	2	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	****	1	1	1	2	1	2	3	3	2	2	1	1	1	1	1	1	1
25	0	0	0	0	0	0	1	****	****	2	2	2	4	3	3	2	2	2	2	2	1	1	1	1	1
26	1	0	0	0	0	1	1	****	2	2	3	3	3	5	6	5	4	3	3	2	2	3	3	2	2
27	2	2	2	2	2	2	2	****	2	2	2	2	3	3	2	2	2	2	1	2	1	1	1	1	2
28	1	1	1	0	0	0	1	****	2	2	2	2	3	5	5	4	5	4	2	2	2	2	1	1	2
29	1	1	1	1	0	1	1	****	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1
30	2	2	2	2	2	2	3	****	2	3	3	3	3	3	3	3	2	2	1	1	1	1	1	1	2
MEAN	2	2	2	2	2	2	2	3	2	3	3	4	4	5	5	5	4	4	4	3	3	2	2	2	3

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	****	2	2	3	3	3	3	2	2	3	2	2	3	2	2	1	1	2
2	1	1	2	2	1	1	1	****	3	3	3	4	4	4	4	4	5	5	4	4	4	4	4	3	3
3	4	4	4	4	4	4	4	****	4	4	4	4	4	4	4	4	6	6	5	5	5	5	5	5	4
4	2	2	2	2	2	2	2	****	2	2	3	4	5	7	7	6	6	6	5	4	4	3	3	3	4
5	1	1	1	1	1	1	1	****	3	3	3	4	4	4	4	4	3	3	2	2	2	2	2	2	2
6	1	1	1	1	1	1	1	****	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	1	1	2	****	2	2	2	2	3	3	3	3	3	2	1	2	2	1	1	1	2
8	1	2	1	1	2	2	2	****	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1	2
9	1	1	1	1	1	1	1	****	2	3	3	3	3	3	3	3	3	2	1	2	2	1	1	1	2
10	1	1	1	1	1	1	1	****	2	2	3	3	3	3	3	3	3	3	3	3	2	2	1	1	2
11	1	0	0	0	0	0	0	****	2	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1
12	1	1	1	2	2	2	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	0	0	0	****	1	1	1	2	3	3	3	3	3	3	2	2	3	2	2	2	2
15	1	1	1	1	0	1	1	****	1	1	2	2	3	3	3	3	3	2	1	1	1	1	1	1	1
16	1	1	1	1	1	2	1	****	1	1	1	1	1	2	2	2	2	1	1	1	2	3	3	3	2
17	3	3	4	3	2	2	2	****	2	2	2	2	2	3	3	3	2	2	2	2	1	1	1	1	2
18	1	1	1	1	2	1	1	****	1	1	2	2	2	3	3	2	2	2	2	2	1	1	2	2	2
19	1	1	2	2	1	1	1	****	3	3	3	3	3	3	3	3	3	2	3	4	3	2	3	4	2
20	1	1	0	0	0	1	5	****	4	3	3	3	4	4	4	3	1	1	1	1	1	1	1	1	2
21	1	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1
22	0	1	1	1	1	0	1	****	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	2	2	1	1	2	****	1	2	3	3	3	3	2	1	1	1	1	1	0	0	0	0	1
24	1	1	1	1	1	1	1	****	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	2	2	1	1	1	****	1	2	2	2	2	3	3	3	2	2	2	1	1	1	1	1	2
26	1	1	1	1	1	1	1	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	3	2	1	1	1	1	1	****	1	1	1	1	1	3	4	3	2	2	2	2	2	2	1	2	1
28	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
29	1	2	2	2	1	2	1	****	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	1	1	1	1	1	0	0	****	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS													UNITS - PARTS PER HUNDREDMILLION												
STATION - VICTORIA ST SARNIA OAMST													NO 14049												
MONTH NOV 72													72												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	0.00	0.00	0.00	0.00	0.00	- DATA MISSING -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
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26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	1	1	1	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1
PERCENTAGE OF DATA VALID -													0												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS										UNITS - PARTS PER HUNDREDMILLION															
STATION - VICTORIA ST SARNIA OAMST										NO 14049															
MONTH DEC 72																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	1	0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	2	2	2	2	2	0.00
5	2	2	2	2	2	2	2	2	2	0.0	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	0.0	0.0	2	2	2	2	2	2	3	3	3	3	3	3	3	2
7	3	3	4	4	4	3	3	3	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3	2	2	2	2	2	3
8	2	3	3	3	2	2	2	2	2	1	1	1	1	0	0	1	2	2	1	1	2	2	2	2	3
9	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
11	2	2	2	2	2	2	2	2	1	0.0		3	2	2	2	2	2	1	2	2	2	2	1	1	2
12	1	1	1	1	1	1	1	1	0	0.0	1	2	1	1	1	1	1	1	1	2	1	2	2	2	1
13	1	1	1	2	2	3	1	2	2	0.0	1		1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	0	0.0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	1
15	2	3	3	3	2	2	2	2	1	0.0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
16	2	3	3	3	3	3	3	2	1	0.0	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	1	2	2	1	1	1	2
18	1	1	1	2	2	2	1	1	1			2	2	1	2	1	2	2							
19	2	2	2	1	1	2	2	2		2	2	2	2	2	2	2	3	3	3	2	2	3	2	2	2
20	2	2	2	2	2	2	2	2	0.0		2	2	2	1	1	2	1	2	1	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	0.0		0	1	1	1	1	1	2	2	1	1	1	2	2	2	1
22	2	2	2	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	1	1
23	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	0.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	0	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	0	1	1	1	0.00
28	2	3	3	3	3	3	3	3	1	0.0	2	1	1	1	1	1	1	2	2	2	2	3	3	2	1
29	3	3	3	3	3	3	3	3	0.0	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	0	0.0	1	1	1	1	1	1	1	2	2	2	2	2	2	1
31	2	2	2	2	1	1	1	1	0.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
PERCENTAGE OF DATA VALID -										78															

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	20	3	4	7
FEB	27	3	3	6
MAR	25	3	4	7
APR	21	3	5	8
MAY	31	4	8	13
JUN	16	3	4	8
JUL	1	6	0	7
AUG	29	3	7	18
SEP	30	3	9	19
OCT	31	2	4	7
NOV	1	1	0	1
DEC	28	2	3	4
YEAR	260	3	9	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	38	315	35	4	0	0	392
FEB	48	356	82	0	0	0	486
MAR	50	315	134	2	0	0	501
APR	53	182	172	8	0	0	415
MAY	86	221	188	56	16	0	567
JUN	79	144	68	12	0	0	303
JUL	0	0	11	3	0	0	14
AUG	150	225	163	43	15	3	599
SEP	166	336	128	36	10	3	679
OCT	318	279	43	3	0	0	643
NOV	7	0	0	0	0	0	7
DEC	302	278	3	0	0	0	583
YEAR	1297	2651	1027	167	41	6	5189

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
59	0	0.4	1.2	1.9	2.7	4.5	5.7	7.7	9.7	19	2.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
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5																									
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30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
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28																									
29																									
MEAN																									

PERCENTAGE OF DATA VALID - 78

UNITS - PARTS PER HUNDREDMILLION

MONTH MAR 72

PERCENTAGE OF DATA VALID - 18

UNITS - PARTS PER HUNDREDMILLION

MONTH APR 72

PERCENTAGE OF DATA VALID - 30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	2	2	1	1	1	1	1	2	2	2	2		1	1		1	1	2	1	2	2	2	2	3	
16	1	0	0	0	0	0	0	1	1	2	1		0	0	0	1	1	1	1	1	1	1	1	1	1
17	0	0	0	1	0	0	0	0	0	1	1			0	1	1	1	1	1	1	1	1	2	2	1
18	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	2	1	1	1	1	1	1
19	1	1	1	1	1	1	2	2	2	2	2		2	2	2	2	2	2	3	2	2	2	2	1	2
20	1	1	1	1	1	0	0	1	1	1	1						2	1	1	1	1	1	0	0	1
21	0	1	1	1	0	0	0	0	0	1		1	1	1	1	1	1	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	0	1	1	1		1	1	2	2	2	2	2	2	2	2	2	1	2	1
24	1	1	0	0	0	0	0	0	0																
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 32

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1		2	2	2	2	2	2	2	3	3	3	3	4	3	2
2	3	3	2	2	2	1	1	1	1	2		1	3	3	3	3	3	2	2	2	3	2	1	1	2
3	1	0	0	0	0	0	0	0	0	0		1	1	1	1	1	1	2	1	1	2	3	2	1	
4	1	1	1	1	1	1	1	1	1	1		0	1	0	0	0	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	2	1	1		1	1	1	1	1	2	1	1	1	1	3	5	5	2
6	3	3	2	2	2	1	1	2	2	1		2	2	2	2	2	2	3	3	3	3	4	4	4	2
7	4	4	5	5	4	5	6	5	4	3		2	2	2	2	2	3	3	4	3	3	2	3	3	3
8	2	2	1	1	1	1	2	2	2	2		2	2	2	2	2	2	2	4	4	2	2	2	2	2
9	2	2	2	2	2	2	2	2	1	2		2	2	2	2	3	3	2	2	2	2	2	2	2	2
10	1	1	1	1	1	1	1	2	1	2		2	2	2	2	3	3	3	2	3	3	3	2	2	2
11	2	1	1																						
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20	1	1	1	1	1	1	1	1								2	2	2	2	2	2	2	2	2	2
21	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1			1	1	1	1	2	2	2	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1															
25																									
26	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1															
28																									
29																									
30																									
31																									
MEAN	2	1	1	1	1	1	1	1	1	1	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 51

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
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14																									
15																									
16																									
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
19	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
21	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	3	3	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2
23	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
24	1	1	2	2	2	1	1	1	2	2	2	2	2	3	3	2	3	2	3	2	2	3	3	2	2
25	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2
26	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1
27	2	2	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1
29	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
31	2	2	1	1	1	2	2	2	2	2	2	1	1	1	0	1	1	0	0	0	0	0	0	0	1
MEAN	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1

PERCENTAGE OF DATA VALID - 46

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	4	4	4	5	4	5	4	4	4	3	2	2	2	2	2	2	2	2	2	3	2	2	2	4	3
16	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
17	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	1
18	2	2	2	1	1	0	0	0	1	0	0	1	1	0	2	1	1	1	1	1	1	1	1	1	1
19	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
20	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	2	2	1	1	1	2	2	2	2	1
21	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2
30	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	2	1	2	5	4	1
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
3	4	3	3	3	2	2	4	***	***	***	4	3	3	3	3	2	2	3	3	5	3	3	5	4	***
4	2	2	2	2	2	2	3	***	***	***	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
5	1	1	1	1	1	2	2	***	***	***	1	2	2	2	2	2	3	3	4	4	3	3	3	3	2
6	2	2	2	2	3	3	3	***	***	***	3	3	3	***	***	2	2	2	3	3	4	5	2	2	3
7	2	2	2	2	1	1	1	1	***	***	1	2	2	2	3	2	3	3	3	3	3	4	6	6	3
8	5	3	2	2	2	2	2	***	***	2	2	3	1	1	1	1	2	2	2	1	2	2	2	1	2
9	1	1	1	1	1	1	1	1	***	***	1	1	2	2	2	2	2	2	2	6	9	12	14	13	4
10	13	12	10	9	9	9	10	***	***	***	2	1	1	1	1	1	1	2	2	2	2	2	2	2	4
11	1	1	2	2	2	2	3	***	***	***	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
12	2	2	1	1	1	1	1	1	***	***	2	2	2	3	3	3	3	3	3	3	3	3	2	2	3
13	2	2	2	2	2	2	2	***	***	3	3	2	2	2	2	2	2	2	2	3	3	3	3	2	2
14	2	2	2	2	2	2	1	1	***	***	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
15	1	1	1	1	1	1	1	1	***	***	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
16	1	1	1	1	1	1	1	1	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
17	1	1	1	1	1	1	1	1	***	***	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
18	2	2	2	2	2	2	3	***	***	5	4	3	2	1	1	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	3	3	***	***	3	3	2	2	1	1	2	2	2	2	2	2	2	2	7	2
20	8	6	5	4	3	4	6	***	***	9	5	3	1	2	2	2	2	3	3	4	4	4	5	5	4
21	3	3	3	3	4	4	4	***	***	4	3	3	2	2	2	2	3	3	3	3	2	2	3	2	3
22	2	0	0	1	1	1	1	1	***	***	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1
23	1	1	1	1	1	1	1	1	***	***	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
24	2	2	2	1	1	1	1	***	***	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	1	1	1	***	***	1	2	2	2	2	1	2	3	3	4	4	3	3	2	2
26	2	2	2	2	2	2	2	***	***	***	***	2	2	3	3	3	3	3	4	4	4	6	6	7	3
27	8	5	4	3	3	3	5	***	***	8	6	4	3	2	2	2	2	2	3	3	3	3	3	3	4
28	3	3	3	2	2	2	2	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	1	1	1	1	1	***	***	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	0	0	0	***	***	***	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	1
31	2	2	2	2	2	2	2	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
MEAN	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	***	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	2	2	2	2	2	2	2	2	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	2	2	2	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	3	3	3	3	3	3	3	3	***	***	2	2	2	2	2	2	2	4	5	3	2	2	2	2	***
8	2	2	2	2	2	2	2	2	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	1	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	1	1	1	1	1	1	1	1	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	***	***	2	2	2	2	2	2	2	3	3	3	3	3	3	4	2
12	4	3	3	3	4	3	3	3	***	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	4	3	3	3	3	3	3	3	***	***	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	1	1	***	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	***	***	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	1	1	2	***	***	2	2	2	2	2	2	1	1	2	2	2	2	2	3	2
17	2	2	1	1	1	1	1	1	***	***	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2
18	2	3	3	2	2	2	2	3	***	***	4	3	3	3	3	3	3	3	4	5	5	5	5	7	3
19	5	4	3	2	2	1	1	1	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	1	1	1	1	1	2	***	***	2	2	2	2	2	2	2	3	2	2	2	3	2	2	2
21	2	2	2	1	1	1	1	1	***	***	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2
22	2	1	1	1	1	1	1	2	***	***	2	2	1	1	1	1	2	2	2	2	2	2	2	3	2
23	2	2	2	1	1	1	1	2	***	***	***	***	***	***	***	***	3	3	3	3	3	3	3	3	3
24	2	2	2	2	2	2	2	2	***	***	3	3	3	3	3	3	4	5	4	4	3	3	3	3	3
25	3	3	3	3	2	2	3	3	***	***	4	5	4	4	3	3	3	3	3	2	2	2	2	2	3
26	2	2	2	2	2	2	2	2	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	1	2	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	5	5	4	4	3	3	3	3	***	***	4	3	3	3	3	3	4	5	5	5	4	3	6	5	4
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	3	2

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	2	2	***	***	***	2	2	2	2	3	3	3	3	3	2	2	2	2	2
2	2	2	2	2	2	3	2	3	***	3	3	3	3	3	2	2	2	3	3	3	3	4	3	2	3
3	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	4	5	4	5	2	2	2	2	3	2
5	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	4	5	4	5	2	2	2	2	3	2
6	2	2	2	2	3	3	2	2	***	2	2	2	2	2	2	***	***	***	***	3	3	3	3	3	2
7	2	2	2	2	2	2	2	2	***	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	2
8	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	3	3	4	4	4	5	5	5	6	3
9	5	5	5	4	4	3	3	3	***	4	3	4	4	4	4	4	4	4	4	5	4	4	4	4	4
10	4	3	3	3	3	3	3	3	***	3	3	4	4	3	3	3	3	2	2	2	2	2	2	2	3
11	2	2	2	2	2	2	2	2	***	***	***	4	3	3	3	3	3	4	5	5	5	6	6	6	4
12	2	6	5	3	3	3	3	3	***	3	3	3	3	3	3	3	3	4	5	5	5	6	6	6	3
13	***	***	***	***	***	***	***	***	***	***	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	3	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	***	4	4	4	4	4	4	4	4	3
22	3	3	3	3	3	3	3	3	***	5	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4
23	3	3	3	3	3	3	3	3	***	4	4	4	4	4	4	6	6	5	5	5	5	5	5	5	4
24	5	4	3	3	3	3	3	3	***	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
25	3	3	3	3	3	3	3	3	***	2	2	3	3	3	3	3	3	2	2	3	3	3	3	3	3
26	2	2	2	2	2	2	2	2	***	2	2	3	3	3	3	3	3	2	2	2	1	1	1	1	1
27	1	1	1	1	1	1	1	1	***	***	***	3	3	3	3	3	3	3	3	3	2	2	2	2	2
28	1	1	1	1	1	1	1	1	***	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1
29	1	1	1	***	***	***	***	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	***	3	3	3	4	4	4	4	5	5	4	3	3	3	3	3	3
31	2	2	2	1	1	1	1	1	***	3	4	3	3	2	2	2	2	2	2	2	2	2	1	1	2
MEAN	3	2	2	2	2	2	2	2	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	1	2	4
FEB	25	2	3	6
MAR	8	1	2	3
APR	13	1	1	2
MAY	DATA MISSING			
JUN	12	1	2	3
JUL	20	2	3	6
AUG	16	1	2	4
SEP	19	1	3	5
OCT	31	2	4	14
NOV	28	2	4	7
DEC	31	3	4	7
YEAR	225	2	4	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	266	185	5	0	0	0	456
FEB	293	230	22	0	0	0	545
MAR	114	25	0	0	0	0	139
APR	186	31	0	0	0	0	217
MAY	DATA MISSING						
JUN	175	58	0	0	0	0	233
JUL	226	142	18	0	0	0	386
AUG	192	155	1	0	0	0	348
SEP	217	155	10	0	0	0	382
OCT	168	433	51	12	5	0	669
NOV	105	440	39	1	0	0	585
DEC	33	558	93	1	0	0	685
YEAR	1975	2412	239	14	5	0	4645

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
57	0	0.2	0.7	1.2	1.7	2.7	3.2	4.2	4.9	14		1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
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17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
MEAN																									

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
MEAN																									

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	***	3	3	2	3	3	2	2	3	3	3	3	3	3	3	3	2	2	3
2	2	2	2	2	2	3	4	***	***	***	***	***	***	***	2	3	3	4	5	5	5	5	5	5	3
3	5	4	4	3	3	3	***	3	3	4	4	5	5	4	4	4	5	5	5	4	4	4	4	4	4
4	4	4	4	4	4	4	***	3	3	4	3	4	4	3	3	3	3	3	3	2	2	2	2	***	3
5	2	2	2	2	2	2	***	3	***	***	3	3	3	3	3	3	3	3	3	3	2	2	2	1	2
6	2	1	1	1	1	3	***	***	3	4	3	3	3	4	5	4	4	3	3	2	2	2	2	1	2
7	2	3	2	1	1	2	***	4	3	3	3	3	3	4	3	3	3	3	3	2	2	2	2	2	3
8	3	3	3	3	3	3	***	3	4	5	6	6	6	5	6	6	7	7	5	6	6	5	4	3	5
9	4	5	6	5	5	4	***	5	5	***	5	5	5	4	3	3	3	3	3	3	2	2	2	2	4
10	3	3	3	3	3	2	***	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
11	2	2	2	2	2	2	***	3	3	3	3	4	4	3	3	5	5	4	4	4	4	3	5	5	3
12	4	4	4	3	2	4	***	4	3	3	3	3	***	***	3	4	4	3	3	2	2	2	2	2	3
13	1	1	1	1	2	4	***	4	4	4	3	3	3	3	3	4	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	1	1	1	1	***
15	2	2	2	1	1	1	1	1	1	***	***	***	***	***	2	3	3	3	3	2	3	2	2	1	2
16	2	2	2	***	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
17	2	3	2	2	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2	1	2	2	3	3	3
18	3	3	2	1	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	3
19	1	1	2	1	2	3	2	***	2	2	2	2	2	2	***	6	5	5	4	3	3	3	3	3	3
20	3	2	2	1	1	2	2	***	***	1	1	1	2	2	2	3	3	2	2	1	1	1	1	1	2
21	1	1	1	1	1	0	***	1	1	1	1	2	2	2	3	3	2	2	2	1	1	1	1	2	1
22	2	2	2	2	2	2	2	1	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***
23													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
24													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
25													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
26													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
27													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
28													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
29													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
30													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
MEAN	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
2													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
3													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
4													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
5													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
6													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
7													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
8													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
9													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
10													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
11													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
12													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
13													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	7	7	6	5	5	4	4	***	4	4	4	5	5	5	6	7	7	7	6	6	6	7	7	7	***
16	1	1	1	1	1	1	1	1	1	2	2	2	4	4	4	5	5	5	4	3	2	2	2	2	2
17	2	1	1	1	1	2	2	2	3	2	2	6	10	11	11	9	6	5	4	5	4	3	3	3	4
18	2	2	2	1	1	1	1	***	***	***	***	6	6	6	6	6	6	6	5	4	4	4	4	3	4
19	3	2	2	2	2	1	1	***	2	3	3	4	6	7	6	7	7	6	6	8	7	5	4	3	4
20	3	3	2	2	1	1	1	***	3	5	5	5	5	5	5	4	5	7	7	7	7	8	9	8	5
21	7	7	6	5	4	3	2	***	4	***	***	4	4	4	4	4	4	4	4	4	3	2	2	2	4
22	1	1	1	1	1	1	2	***	3	4	4	6	8	9	9	10	12	9	8	9	9	7	7	6	6
23	4	4	3	4	3	3	2	***	5	6	6	7	7	7	8	7	7	7	6	5	4	3	3	3	5
24	3	3	3	3	2	2	2	***	2	***	***	4	4	4	4	4	4	5	6	7	6	7	6	4	5
25	2	2	3	3	2	2	2	***	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	***	2	3	3	3	3	2	2	2	2	3	3	2	2	2	2	2	2
27	1	1	1	1	1	1	1	***	1	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2
28	1	1	1	3	3	2	2	***	2	3	3	2	3	3	3	3	3	3	3	2	2	2	2	2	2
29	2	2	1	1	1	2	2	***	2	2	3	2	3	4	***	4	4	4	4	4	3	3	2	2	3
30	2	2	2	1	1	1	1	***	3	3	3	3	3	3	5	6	6	6	5	4	3	2	2	2	3
31	2	2	2	1	1	2	2	2	3	4	5	5	5	5	5	5	5	6	6	6	6	5	4	4	4
MEAN	3	3	2	2	2	2	2	2	3	3	3	4	5	5	5	5	5	5	5	5	4	4	4	3	4

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	4	4	4	2	2	3	3	4	5	6	****	4	4	3	3	4	3	2	2	2	2	2	3
2	1	1	2	1	1	1	2	1	1	1	2	2	2	****	****	3	3	2	2	2	1	2	2	3	2
3	3	3	3	3	2	2	2	2	3	2	3	3	3	****	3	2	2	2	2	1	1	1	1	1	1
4	0	0	1	1	1	1	1	1	1	1	1	2	4	3	3	4	4	4	3	3	4	3	3	3	3
5	2	2	1	1	1	2	2	3	3	3	4	4	5	4	5	5	5	5	5	4	4	3	3	3	3
6	3	3	3	3	3	3	3	3	3	3	4	4	4	3	4	5	5	5	5	4	3	3	3	3	3
7	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	1	1	1	2	2	2	2	1	2	1	1	1	1	1	1	3	3	3	3	2	2	2	2	2	2
9	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
10	1	1	2	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1	2	2	2	2	2
11	2	1	1	1	1	2	2	3	2	3	3	4	4	4	5	5	5	5	4	4	3	3	3	3	3
12	4	4	4	3	2	1	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	1	1	2
13	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	3	2	2	2	2	2	2	2
14	2	2	3	4	4	3	2	2	3	3	3	4	4	5	5	4	3	2	2	2	2	1	1	1	3
15	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	4	3
16	3	3	2	2	1	3	4	****	****	****	2	2	2	2	2	2	1	1	1	1	1	1	2	1	2
17	2	1	1	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	3	2	2	1	2
18	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	2	2	2	2	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	2	1	1	1	1	2
20	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2
21	2	2	2	2	2	3	3	3	5	4	4	5	5	5	6	6	7	7	6	6	7	5	5	6	5
22	6	6	5	4	3	2	2	2	2	3	3	4	6	****	****	6	7	6	5	4	4	3	3	3	4
23	2	3	3	3	2	2	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	2	2	2	2	2	2	2	2	3	4	4	5	****	****	5	5	5	5	4	3	4	4	4	3	3
25	3	4	4	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
26	2	2	2	1	1	1	1	2	2	3	3	3	3	4	5	4	3	3	3	4	3	2	****	****	3
27	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	2	2	2	2	2	2	2	2	2	****
28	2	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	1	2	2	2	2	2
29	2	1	1	1	1	2	2	3	2	2	3	4	3	4	6	5	6	5	4	4	3	3	3	3	3
30	2	2	2	2	2	3	3	4	3	4	3	4	4	5	5	5	5	5	4	4	3	3	3	2	3
31	2	2	2	2	2	3	3	4	3	4	3	4	4	5	5	5	5	5	4	4	3	3	3	2	3
MEAN	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	3	3	3	3	2	2	2	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	4	4	3	3	2	3	****	3	4	5	6	6	6	7	7	6	6	5	6	7	5	5	5
2	5	5	4	3	3	1	1	1	1	2	2	3	3	3	2	2	2	2	2	****	****	****	****	****	****
3	1	1	1	1	1	0	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	3	2	3	3	3	****
7	4	4	4	4	3	3	3	3	4	4	5	6	7	7	5	5	5	4	4	3	3	4	3	3	4
8	3	4	3	3	2	2	1	2	1	1	1	2	2	****	5	4	4	4	3	1	1	1	1	1	2
9	2	2	1	1	2	2	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
10	4	4	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3
11	2	2	2	2	3	4	5	5	****	3	3	4	5	5	4	4	4	4	4	4	3	3	4	3	4
12	3	3	3	3	4	2	3	4	3	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	5	4	****
14	3	3	3	2	2	2	1	****	2	2	2	2	2	2	3	4	2	2	2	2	1	1	2	2	2
15	2	2	2	2	4	6	5	3	3	3	4	4	4	4	4	5	5	4	4	5	4	4	3	3	4
16	3	3	3	3	2	2	3	2	1	2	3	3	3	3	3	3	4	4	3	2	3	2	2	1	3
17	2	2	3	4	4	3	3	4	4	5	6	6	6	5	5	6	7	7	5	5	5	5	4	4	5
18	3	3	3	3	2	2	5	3	4	5	4	4	3	3	3	3	2	3	3	3	3	2	2	2	3
19	2	2	2	2	2	1	1	2	2	2	2	2	3	3	3	3	3	2	3	3	2	1	3	3	2
20	2	1	1	1	1	1	****	4	3	3	3	3	3	3	3	3	3	3	3	3	4	2	2	4	3
21	4	3	3	3	4	6	****	4	3	3	4	4	4	5	5	6	6	6	5	3	3	3	3	3	4
22	3	3	3	3	2	3	****	4	3	4	9	6	4	3	4	4	3	3	3	2	2	2	2	2	3
23	3	4	3	2	3	4	****	4	3	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4
24	4	3	3	2	2	2	****	3	2	3	3	4	4	4	4	4	4	4	3	3	2	2	2	2	3
25	2	2	2	2	2	3	3	3	3	****	3	3	3	3	3	4	5	5	4	3	3	3	3	3	3
26	3	3	4	4	4	4	****	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	****	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	4
28	4	2	2	2	2	4	****	4	3	3	3	12	10	7	6	4	4	4	4	4	4	4	4	4	4
29	5	3	4	4	3	3	****	2	2	2	2	2	2	2	1	2	2	2	0	0	0	1	1	1	2
30	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
MEAN	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	0	0.000	1	1	1	2	3	3	3	3	3	3	3	3	1	1	2	2	2	2
2	3	3	3	3	3	3	0.000	4	0.000	3	3	3	4	4	4	4	3	3	3	2	2	2	2	2	2
3	1	1	1	1	2	5	0.000	5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	3	3	3	2	2	2	2	2
4	1	2	2	2	1	0.000	0.000	4	3	0.000	5	5	6	6	6	5	5	5	4	4	4	3	4	4	4
5	3	3	3	3	2	2	0.000	6	3	3	3	3	4	4	3	3	3	4	3	3	3	3	3	3	3
6	3	2	3	3	2	2	0.000	3	2	2	4	5	5	4	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	3	3	2	0.000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	2	0.000	3	3	4	4	4	3	3	3	3	3	3	3	3	2	2	2	3	3
9	3	3	3	3	3	3	0.000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3
10	2	2	2	3	3	0.000	0.000	0.000	3	3	3	4	4	3	3	3	4	3	3	4	4	5	8	7	4
11	7	7	5	3	7	10	0.000	5	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	4
12	3	3	3	3	3	2	0.000	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	0.000	5	4	4	3	3	4	0.000	0.000	4	4	4	4	4	4	4	4	4	4
14	2	2	2	2	2	2	0.000	1	1	2	1	0	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	1	1	0.000	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	2	2	2	2	2	2	0.000	2	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	5	5	5	4	5	5	4	4
17	2	2	2	2	2	2	0.000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	2	2	2	2	2	2	0.000	6	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	2	2	2	2	2	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3	3	3	2	3	3	3	3	3
20	3	2	4	3	2	2	0.000	4	3	3	3	4	3	3	3	3	3	4	4	3	3	3	3	4	3
21	4	4	2	2	1	2	0.000	3	3	3	4	4	5	5	4	5	4	8	4	4	3	4	4	3	4
22	2	2	2	2	2	2	0.000	2	2	2	3	4	4	4	4	4	4	4	4	4	3	4	4	3	3
23	3	3	3	3	3	6	0.000	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
24	2	2	2	2	2	2	0.000	2	0.000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	2	3	3	3	2	2	0.000	3	3	4	4	4	4	4	4	6	6	4	4	3	3	3	3	3	3
26	3	3	3	3	3	3	0.000	6	3	3	4	4	4	4	4	4	4	4	4	3	5	6	4	4	4
27	3	3	3	3	3	3	0.000	6	8	8	5	4	3	5	4	4	5	6	5	4	4	3	2	4	5
28	5	5	4	4	4	4	0.000	3	5	5	5	3	3	3	3	6	6	6	4	4	7	4	3	3	4
29	3	3	2	2	2	2	0.000	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3
30	3	3	3	3	4	0.000	2	3	3	0.000	0.000	2	2	3	4	4	3	3	3	4	2	2	2	3	3
31	4	3	3	3	1	0.000	5	7	7	5	4	3	2	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	3	3	3	2	2	3	3	4	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	0.000	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	4	5	3
2	5	4	4	3	3	0.000	5	5	4	4	5	5	5	5	4	7	4	7	8	5	8	3	3	3	5
3	3	3	3	3	3	0.000	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3
4	3	2	2	2	2	0.000	4	4	4	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
5	3	2	2	2	3	0.000	3	2	3	3	3	3	3	3	3	3	4	5	4	3	2	2	2	2	3
6	4	2	2	3	3	0.000	4	8	0.000	4	4	4	4	4	4	4	3	3	3	4	5	3	3	4	4
7	3	3	5	4	4	0.000	6	14	5	6	0.000	0.000	3	3	3	3	4	4	4	3	3	3	4	2	4
8	2	2	2	2	2	0.000	2	3	5	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
9	2	2	2	2	2	0.000	3	2	3	3	0.000	2	2	2	2	2	2	2	2	2	2	3	3	2	2
10	3	3	2	2	2	0.000	3	3	3	3	0.000	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	1	2	0.000	1	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2	3	2	2
12	3	2	2	1	1	0.000	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
13	2	2	2	1	1	0.000	2	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2
14	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
15	2	2	2	2	2	0.000	2	3	3	3	3	3	3	3	4	5	5	2	2	2	3	2	2	3	3
16	2	2	2	2	2	0.000	3	5	5	3	3	3	3	3	3	3	4	4	4	4	6	5	6	4	4
17	4	4	4	4	3	0.000	2	2	2	2	3	3	3	3	3	3	3	3	3	5	5	4	3	3	3
18	2	2	2	2	2	0.000	2	2	2	2	2	2	3	3	3	3	3	3	4	5	6	4	3	3	3
19	3	2	2	2	2	0.000	3	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	3	3	2
20	3	2	2	2	2	0.000	2	2	2	2	0.000	0.000	0.000	0.000	0.000	3	2	3	3	3	3	3	3	3	3
21	2	2	2	2	2	0.000	2	4	4	4	4	3	2	2	2	2	4	0.000	0.000	0.000	0.000	1	1	3	3
22	1	1	1	1	1	0.000	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
23	2	2	2	2	2	0.000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
24	2	2	2	2	2	0.000	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
25	4	3	3	3	3	0.000	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3
26	3	3	3	3	3	0.000	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3
27	2	2	2	2	2	0.000	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	3
28	3	3	3	3	3	0.000	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3
29	5	4	4	4	3	0.000	3	3	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	5	4	4	4	3	0.000	3	3	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
MEAN	3	2	2	2	2	0.000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	****	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3
2	3	3	3	3	3	****	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	****	****	4
3												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
4												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
5	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	5	6	12	11	13	10	9	9	8	****
6	9	9	8	7	5	****	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	4	4
7	4	4	4	3	3	****	3	3	3	3	3	3	4	4	4	4	3	4	4	4	4	4	4	3	4
8	3	3	3	3	3	****	3	5	6	4	5	4	6	6	6	7	10	****	8	10	9	6	6	6	6
9	5	8	6	5	4	****	4	5	5	5	5	4	4	4	4	4	5	5	6	4	4	3	4	3	5
10	3	3	3	3	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	****	****	2
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	2	2	2	2	2	2	2	****
12	2	1	1	1	1	****	4	3	4	****	****	4	4	4	4	5	4	4	5	5	5	8	11	8	4
13	3	2	2	2	2	****	2	2	2	****	****	1	2	1	1	1	4	4	5	1	2	1	1	2	2
14	2	1	1	1	1	****	2	2	2	****	****	2	2	2	2	1	2	2	2	2	2	1	1	1	2
15	1	1	1	1	1	****	1	2	2	****	****	2	2	2	2	2	2	2	2	2	2	1	1	1	1
16	1	1	1	1	1	****	1	1	2	****	****	1	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	****	2	2	2	****	****	2	3	3	3	3	3	3	3	3	2	1	2	2	2
18	2	1	1	1	1	****	1	1	1	****	****	2	2	2	2	2	2	2	2	2	2	2	3	2	2
19	1	1	1	1	1	****	1	2	1	1	1	1	1	2	1	1	2	2	1	1	1	2	2	2	1
20	2	1	1	1	1	****	2	1	2	2	1	1	1	****	****	3	4	4	4	4	4	4	4	4	2
21												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
22												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
23												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
24												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
25												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
26												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
27												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
28	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	2	2	2	2	2	2	****
29	2	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	3	3	5	3	2	2	2	1	1	2	1	1	1	1	1	1	1	2
31	1	1	1	1	1	1	2	1	2	2	4	4	4	2	2	2	2	1	2	2	2	1	1	1	2
MEAN	3	2	2	2	2	1	2	2	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	21	4	8	12
MAY	31	4	6	9
JUN	22	3	5	7
JUL	18	4	6	12
AUG	30	3	5	7
SEP	28	3	5	12
OCT	31	3	4	10
NOV	30	3	5	14
DEC	22	3	6	13
YEAR	233	3	8	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	DATA MISSING						
FEB	DATA MISSING						
MAR	DATA MISSING						
APR	12	240	123	38	1	0	414
MAY	9	286	356	50	0	0	701
JUN	69	286	94	2	0	0	451
JUL	51	170	132	44	3	0	400
AUG	141	427	117	4	0	0	689
SEP	52	351	177	10	1	0	591
OCT	36	465	172	12	0	0	685
NOV	36	486	136	6	1	0	665
DEC	122	235	87	16	4	0	464
YEAR	528	2946	1394	182	10	0	5060

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76	0	1.0	1.7	2.4	3.1	4.6	5.7	6.8	7.8	14	3.1

UNITS - PARTS PER HUNDREDMILLION

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	0	0	0	0	1	1	0	0.000
2	0.000	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0.000
5	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0.000
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0	0	0	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0.000
9	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	1	1	1	1	1	1	0.000
12	0.000	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
13	0.000	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0.000	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0
16	0.000	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0
17	0.000	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0.000	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0.000	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
21	0.000	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1
22	0.000	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0.000	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	0.000	0	1	1	0	0	1	1	1	0.000	0.000	1	1	1	1	1	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0.000	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1
27	0.000	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
28	0.000	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	1
29	0.000	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION

MONTH MAR 72

[illegible]

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.00	0.00	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0.00	0.00	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
3	0.00	0.00	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
4	0.00	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
5	0.00	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
6	0.00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	0.00	0.00	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0.00	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	1
16	0.00	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
17	0.00	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
18	0.00	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
19	0.00	0	1	1	0	1	0	0	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0
20	0.00	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
21	0.00	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0
22	0.00	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0.00	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
24	0.00	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
26	0.00	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
27	0.00	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0
28	0.00	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
29	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
30	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
MEAN	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.00	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0.00	1	1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0
4	0.00	0	0	1	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0.00	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
6	0.00	0.00	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1
7	0.00	0.00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0.00	0.00	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
9	0.00	0.00	0	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	1	1	0
10	0.00	0.00	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
11	0.00	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
12	0.00	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0
13	0.00	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	0.00	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0
17	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0
18	0.00	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	0.00	1	0	0	0	0	0	0	0	1	2	2	2	2	1	2	2	2	2	1	0	0	0	0	1
22	0.00	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1
23	0.00	1	0	0	1	0	1	2	3	3	2	2	2	2	1	1	1	1	1	0	0	0	0	0	1
24	0.00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	0.00	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0.00	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	0.00	1	1	1	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1
28	0.00	2	1	1	0	1	1	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	0.00	1	0	0	0	0	0	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1
30	0.00	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	----	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	1	1	1	0	0	1	1	1	1	2	3	3	3	2	1	2	3	3	3	2	2	2
3	----	1	1	----	1	1	1	1	1	2	3	3	3	3	3	2	2	2	2	1	2	2	2	2	2
4	----	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
5	----	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
6	----	0	0	0	----	0	0	1	1	1	1	1	1	----	1	1	0	0	0	0	----	----	----	----	0
7	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
8	----	1	1	2	1	1	1	1	1	2	2	2	2	2	3	2	3	3	2	2	3	2	1	1	2
9	----	----	2	3	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	----	0	0	1	0	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
11	----	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1
12	----	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	----	----	1
13	----	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1
14	----	1	1	2	1	1	1	1	1	1	1	2	2	2	3	3	3	4	4	3	3	3	2	2	2
15	----	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
16	----	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
17	----	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	----	1
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
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27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
30												- DATA MISSING -													
MEAN	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
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8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
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13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	1	2	1	1	0	0	0	1	----
20	1	1	0	1	1	0	0	0	0	0	1	3	3	4	3	3	3	1	1	1	2	2	1	1	1
21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	2	2	1	1	0	0	0	----
22	0	1	1	1	0	0	0	1	1	1	2	2	3	3	4	3	3	3	3	2	2	2	2	2	2
23	2	2	2	1	1	1	1	2	2	3	3	3	3	3	2	2	2	2	2	2	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	1	1
25	1	1	1	1	1	0	0	0	0	----	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1
26	1	0	0	0	0	0	0	0	0	----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	2	2	1	0	0	0	0	0	----
28	----	0	0	1	1	1	0	1	1	1	1	2	3	3	3	3	3	3	3	2	0	0	0	0	1
29	0	0	0	0	0	0	0	0	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1
30	----	1	1	0	0	0	0	2	1	2	1	2	2	3	4	3	3	2	2	2	1	1	1	1	2
31	----	0	0	0	0	0	0	1	1	1	2	3	4	4	4	3	3	3	3	2	3	2	1	2	2
MEAN	1	1	1	1	1	0	0	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 34

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION													
STATION - 67 COLLEGE ST TORONTO OAMST												MONTH AUG 72													
NO 31001	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.000	0.000	3	2	1	0	1	1	1	2	2	2	2	2	3	4	3	3	3	3	1	1	0	0	2
2	0.000	0	0	1	1	0	1	0	1	0	0	0	0	1	1	1	0	1	1	1	1	1	0	1	1
3	0.000	1	1	1	1	1	0	0	1	1	2	2	2	2	1	1	1	1	1	0	0	0	0	0	1
4	0.000	1	1	1	1	0	0	0	1	0	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5												- DATA MISSING -													
6												- DATA MISSING -													
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28												- DATA MISSING -													
29												- DATA MISSING -													
30												- DATA MISSING -													
31												- DATA MISSING -													
MEAN	0.000	1	1	1	1	0	1	0	1	1	1	1	1	2	2	2	1	2	2	1	1	1	0	0	1
PERCENTAGE OF DATA VALID -												10													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS												UNITS - PARTS PER HUNDREDMILLION													
STATION - 67 COLLEGE ST TORONTO OAMST												MONTH NOV 72													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
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13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	2	1	1	1	0.000
18	1	1	1	1	1	1	0	0.000	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
19	1	2	2	2	1	1	1	0.000	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1
20	1	1	1	1	1	1	1	0.000	1	2	2	2	2	2	2	1	1	2	2	2	2	2	1	1	1
21	2	1	1	1	1	1	1	0.000	2	1	1	1	1	2	2	2	1	1	2	1	1	1	1	1	1
22	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
24	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
25	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1
26	1	2	1	1	1	1	1	1	2	0.000	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	0.000	1	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
30	1	1	1	1	1	1	1	0.000	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	1
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1
PERCENTAGE OF DATA VALID -												42													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	****	1	1	1	****	2	2	2	2	1	1	1	1	1	1	0	1	1
2	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0
3	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
6	1	0	1	1	1	2	2	****	3	2	1	0	0	0	0	1	1	1	1	1	1	2	2	2	1
7	2	3	2	2	2	1	1	****	1	1	1	0	1	1	0	0	1	1	0	1	1	1	1	0	1
8	1	1	1	1	0	1	1	****	1	1	1	1	1	1	1	2	1	0	0	0	0	1	1	1	1
9	2	1	1	2	1	1	1	1	1	1	1	2	1	2	1	1	2	2	1	****	1	1	1	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	1	1	0
11	1	2	3	3	3	2	****	0	0	0	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1
12	1	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
13	1	1	1	0	0	0	0	0	0	1	0	1	1	2	1	2	2	2	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	****	0	0	0	1	1	1	1	2	1	1	1	0	1	1	0	1	1
17	1	1	1	0	0	1	1	****	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
18	0	0	0	0	0	0	1	****	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	0	0	0	0	2	2	0	0	0	0	0	1	1	1	1
21	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	1
23	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	1	1	2	2	2	2	****	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	1	1	1	1	1	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
30	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	1	1	2	3	3	2	2	2	2	2	2	2	2	1	1	1
MEAN	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	26	1	1	2
MAR	31	0	1	2
APR	30	1	1	1
MAY	31	1	1	3
JUN	17	1	2	4
JUL	13	1	2	4
AUG	4	1	2	4
SEP		DATA MISSING		
OCT		DATA MISSING		
NOV	14	1	2	3
DEC	31	1	1	3
YEAR	197	1	2	4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN		DATA MISSING					
FEB	520	1	0	0	0	0	521
MAR	671	2	0	0	0	0	673
APR	662	0	0	0	0	0	662
MAY	622	47	0	0	0	0	669
JUN	298	83	2	0	0	0	383
JUL	169	81	6	0	0	0	256
AUG	62	16	1	0	0	0	79
SEP		DATA MISSING					
OCT		DATA MISSING					
NOV	240	67	0	0	0	0	307
DEC	660	71	0	0	0	0	731
YEAR	3904	368	9	0	0	0	4281

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
65	0	0.1	0.3	0.5	0.8	1.0	1.6	2.0	2.6	4	0.7

UNITS - PARTS PER HUNDREDMILLION

MONTH JAN 72

PERCENTAGE OF DATA VALID - 91

UNITS - PARTS PER HUNDREDMILLION

MONTH FEB 72

PERCENTAGE OF DATA VALID - 93

UNITS - PARTS PER HUNDREDMILLION

MONTH MAR 72

13 14 15

PERCENTAGE OF DATA VALID - 78

UNITS - PARTS PER HUNDREDMILLION

MONTH APR 72

13 14 15

PERCENTAGE OF DATA VALID - 61

UNITS - PARTS PER HUNDREDMILLION

MONTH MAY 72

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	****	****		6	7	7	6	6	6	6	6	****	6	5	5	4	4	4	4	4	5
2	4	4	4	4	****	****		5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	4	4	5
3	4	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4																									
5																									
6																									
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25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	4	4	4	4	****	****		6	6	6	6	6	6	6	6	5	6	5	5	5	5	5	4	4	

PERCENTAGE OF DATA VALID - 6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA MISSING	-											
2												-	DATA MISSING	-											
3												-	DATA MISSING	-											
4												-	DATA MISSING	-											
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10												-	DATA MISSING	-											
11												-	DATA MISSING	-											
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15												-	DATA MISSING	-											
16												-	DATA MISSING	-											
17												-	DATA MISSING	-											
18												-	DATA MISSING	-											
19												-	DATA MISSING	-											
20												-	DATA MISSING	-											
21												-	DATA MISSING	-											
22												-	DATA MISSING	-											
23												-	DATA MISSING	-											
24												-	DATA MISSING	-											
25												-	DATA MISSING	-											
26												-	DATA MISSING	-											
27												-	DATA MISSING	-											
28												-	DATA MISSING	-											
29												-	DATA MISSING	-											
30												-	DATA MISSING	-											
31	o o o o	o o o o	o o o o	o o o o	o o o o	o o o o	o o o o	o o o o	o o o o	4	5	5	o o o o	o o o o	5	6	6	6	6	8	9	8	8	8	o o o o
MEAN	o o o o	o o o o	o o o o	o o o o	o o o o	o o o o	o o o o	o o o o	o o o o	4	5	5	o o o o	o o o o	5	6	6	6	6	8	9	8	8	8	o o o o

PERCENTAGE OF DATA VALID - 1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS.

OTTAWA

NO 51001

MONTH SEP

72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	6	5	4	5	6	8	10	10	10	12	0.000	0.000	8	8	9	12	12	12	12	12	12	12	9
2	10	9	9	9	8	5	6	6	7	9	11	11	0.000	0.000	6	4	3	3	3	4	4	4	4	4	6
3	5	6	6	5	5	5	4	5	5	5	4	4	0.000	0.000	4	3	4	3	3	4	4	4	4	4	4
4	3	2	3	3	4	4	4	3	3	4	4	6	0.000	0.000	6	6	6	4	4	4	4	4	4	4	4
5	2	2	2	2	1	2	3	5	4	4	6	6	0.000	0.000	6	6	5	5	6	6	7	7	7	8	5
6	8	6	4	3	2	2	3	3	3	4	5	5	0.000	0.000	5	5	5	5	4	8	8	8	10	10	5
7	5	7	7	7	7	7	5	8	6	6	7	8	0.000	6	0.000	7	8	9	10	10	9	9	7	6	6
8	6	7	7	7	7	7	5	6	7	6	7	9	7	8	0.000	6	8	8	8	7	5	3	3	3	6
9	3	3	3	2	2	1	2	2	2	3	3	3	4	4	0.000	2	4	4	4	4	5	4	4	4	3
10	2	2	2	2	2	2	2	3	3	3	4	4	4	5	0.000	0.000	5	5	4	4	12	11	4	4	4
11	3	2	2	2	3	3	6	8	8	4	5	8	10	0.000	0.000	10	10	10	7	7	7	8	9	7	6
12	7	6	7	7	5	5	4	4	3	5	5	4	4	4	0.000	3	4	6	6	5	8	8	5	6	5
13	4	3	3	3	2	3	6	9	5	5	5	4	5	5	0.000	0.000	4	4	3	5	4	3	3	2	4
14	3	3	2	2	2	2	2	3	0.000	0.000	2	3	3	5	0.000	4	4	3	3	9	8	7	5	4	4
15	3	3	3	2	2	7	4	8	12	9	7	4	4	5	0.000	5	5	5	5	6	7	8	6	7	6
16	7	7	7	7	6	5	4	4	4	4	5	4	5	5	0.000	5	6	6	7	6	6	7	8	8	6
17	7	7	8	9	9	8	7	7	7	7	8	8	7	7	0.000	6	6	6	6	6	5	5	5	6	7
18	4	3	3	3	3	3	3	3	3	3	3	4	5	6	0.000	5	5	5	5	4	4	3	3	3	4
19	3	3	2	2	2	3	3	3	4	5	4	5	5	5	0.000	5	5	4	4	4	4	3	3	2	4
20	2	2	2	2	2	3	3	4	5	4	4	4	5	5	0.000	0.000	10	8	8	8	6	6	5	3	5
21	3	3	2	2	3	3	4	6	7	6	6	7	7	8	0.000	7	7	8	8	6	6	6	6	6	6
22	6	6	5	5	4	3	3	3	4	4	4	4	4	4	0.000	4	4	4	5	7	6	5	4	4	4
23	3	4	3	3	3	3	3	4	5	5	5	6	6	6	0.000	5	5	6	7	8	9	7	5	4	5
24	4	4	3	3	3	3	2	3	3	4	4	4	4	5	0.000	5	5	5	4	4	4	5	5	4	4
25	4	3	3	3	3	2	3	6	5	9	10	6	5	5	0.000	6	6	6	6	5	4	5	5	5	5
26	5	5	5	5	4	4	4	4	3	3	4	4	5	5	0.000	5	5	4	4	4	4	4	4	4	4
27	5	4	5	5	5	4	4	4	4	4	4	4	4	6	4	5	5	6	5	5	5	5	5	5	5
28	5	4	4	4	3	3	4	5	6	6	6	5	0.000	6	9	10	7	6	6	6	4	4	4	4	5
29	3	3	3	3	3	4	6	9	5	5	5	5	0.000	5	5	6	5	4	4	4	4	4	4	3	4
30	3	3	2	2	2	2	2	3	3	3	3	4	0.000	4	4	4	4	4	4	4	4	5	4	4	3
MEAN	5	4	4	4	4	4	4	5	5	5	5	6	5	5	6	5	6	6	5	6	6	6	5	5	5

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MACDONALD GDNS. OTTAWA

NO 51001

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	4	5
FEB	29	2	3	4
MAR	29	2	6	9
APR	22	4	6	12
MAY	3	5	5	7
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG	1	6	0	9
SEP	30	5	9	12
OCT		DATA MISSING		
NOV		DATA MISSING		
DEC		DATA MISSING		
YEAR		DATA MISSING		
YEAR	145	3	9	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	1	636	46	0	0	0	683
FEB	34	611	4	0	0	0	649
MAR	368	203	3	11	0	0	585
APR	42	132	250	17	2	0	443
MAY	0	0	45	2	0	0	47
JUN		DATA MISSING					
JUL		DATA MISSING					
AUG	0	0	8	5	0	0	13
SEP	2	168	370	125	13	0	678
OCT		DATA MISSING					
NOV		DATA MISSING					
DEC		DATA MISSING					
YEAR	894	3500	1452	320	30	0	6196
YEAR	894	3500	1452	320	30	0	9294

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
60	0	0.7	1.5	2.2	3.0	4.9	6.3	8.1	9.0	12	3.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.00	0.00	0.00	2	2	2	2	2	2	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	3	3	2	2	3	0.00
2	2	2	0.00	3	3	2	1	1	2	2	0.00	0.00	2	3	3	3	2	2	2	2	2	1	1	1	2
3	1	1	0.00	1	1	1	1	2	2	2	3	3	3	3	3	3	2	2	2	2	3	3	3	3	2
4	2	2	0.00	2	2	3	3	3	3	2	2	3	3	3	3	3	2	2	3	3	3	3	3	3	3
5	3	3	0.00	0.00	0.00	3	3	3	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4	4	3	3	3	4	4	0.00
6	5	4	0.00	3	3	3	4	4	5	4	4	4	4	3	4	4	4	4	4	3	3	3	3	3	4
7	2	2	0.00	3	3	3	3	3	3	3	3	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
9													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
10													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
11													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
12													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
13													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
14													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4	4	3	3	2	3	3	3	3	0.00
16	3	3	0.00	4	3	3	3	3	3	0.00	0.00	0.00	4	4	3	3	3	3	3	2	2	2	2	2	3
17	2	4	0.00	3	2	2	2	2	3	3	3	3	4	5	5	4	4	3	3	3	4	3	3	3	3
18	3	3	0.00	3	2	3	2	2	3	4	4	4	4	5	5	5	4	4	3	3	3	3	3	3	3
19	2	2	0.00	3	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	2	2	2	3	3	3	3	4	4	4	4	0.00
20	4	3	0.00	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3
21	2	2	0.00	2	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	4	4	3	3	3	3
22	3	3	0.00	2	2	3	3	2	3	3	3	4	4	3	2	1	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0
23													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
24													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
25													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
26													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
27													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
28													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	4	4	4	3	3	3	4	4	4	4	0.00
MEAN	3	3	0.00	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 41

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	0.00	4	4	4	4	4	4	4	4	4	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
3													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
4													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
5													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
6													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
7													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
8													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
9													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4	4	4	4	3	3	3	3	3	0.00
11	3	3	4	4	4	0.00	3	4	4	4	4	4	5	5	5	5	5	4	4	4	3	3	3	3	4
12	3	3	3	3	3	3	0.00	2	3	4	4	4	5	7	8	9	10	9	8	5	6	5	4	4	5
13	4	4	4	4	4	0.00	4	4	4	4	5	6	6	6	6	8	9	6	5	4	4	4	4	4	5
14	4	3	3	3	3	0.00	3	3	3	4	4	4	4	5	5	5	5	5	4	4	3	3	3	3	4
15	3	3	3	3	3	0.00	3	3	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5	5	5	5	4	4	4	3	3	3	3	3	0.00
17	4	3	3	3	3	0.00	3	4	6	5	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3
18	4	4	4	4	4	0.00	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	3	3	2	3
19	3	3	3	3	3	0.00	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	4	4	4
20	4	4	4	4	4	0.00	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	4	4	4	4	4	5	4	4	3	0.00	5	6	5	6	6	5	5	5	6	6	6	5	4	4	5
22	4	3	4	4	4	0.00	4	3	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4
23	4	4	3	3	3	0.00	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4
24	4	4	4	4	4	0.00	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	3	3	3	3	3	0.00	3	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4
26	3	3	3	3	3	0.00	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4
27	4	4	4	4	4	0.00	3	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
28	4	4	3	3	3	0.00	3	4	4	4	4	4	5	5	5	5	5	5	5	5	4	4	4	4	4
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7	9	12	12	11	6	6	5	5	5	4	4	0.00
30	4	4	3	3	3	0.00	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	4
31	4	4	4	4	4	0.00	4	4	5	5	6	7	8	8	9	9	9	7	7	5	6	5	5	5	6
MEAN	4	4	3	3	4	3	3	3	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	5	5	****	5	5	6	5	6	7	7	6	6	6	6	6	6	6	5	5	5	4	5
2	4	4	4	3	3	****	4	4	4	3	3	4	4	4	4	5	5	5	5	4	5	5	5	5	4
3	5	5	5	5	4	****	4	4	4	4	4	4	6	6	6	6	7	6	6	6	5	5	5	5	5
4	5	4	4	4	4	****	4	4	4	4	4	5	5	5	5	****	5	5	4	4	5	5	5	5	5
5	5	4	4	4	4	****	5	5	6	6	****	5	6	6	6	5	5	5	5	5	4	5	5	4	5
6	5	4	4	4	4	****	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	3	3	3	5
7	3	3	3	3	3	****	3	3	3	3	3	4	4	4	5	6	6	6	5	5	4	4	4	4	5
8	6	6	6	6	6	****	6	6	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7
9	9	10	11	8	8	****	8	8	9	9	9	9	10	10	11	11	12	14	14	12	12	10	11	10	10
10	10	10	10	11	11	****	12	14	12	10	11	****	****	****	7	7	7	6	6	5	5	5	4	4	8
11	3	3	3	4	4	****	6	7	4	4	4	5	5	6	6	6	5	5	5	5	5	4	4	4	5
12	3	3	3	4	4	****	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4
13	3	3	3	4	4	****	4	4	4	5	5	5	5	5	5	5	6	6	5	6	5	5	4	3	5
14	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	2	2	2	2	2	2	2	2	****
15	1	2	2	2	2	****	2	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	2	2	3
16	2	3	3	2	2	****	3	3	3	4	4	4	4	4	4	4	4	4	****	****	****	****	****	****	****
17	****	****	****	****	****	****	2	3	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	****	****	****	****	****	****	****	****	****	****	****	****	4	4	4	4	5	5	4	5	4	5	5	6	****
19	5	5	5	5	5	****	6	6	7	8	8	9	9	9	9	9	9	9	8	8	8	8	8	7	7
20	9	10	9	8	9	****	8	9	9	9	10	10	9	10	10	9	9	9	9	8	8	8	9	****	9
21	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
22	****	****	****	****	****	****	****	****	****	****	****	****	8	8	8	8	8	8	9	8	9	8	8	7	****
23	7	7	6	6	6	****	6	6	6	6	6	7	7	7	7	7	7	6	4	4	4	4	4	4	6
24	3	3	4	4	4	****	5	5	6	6	6	6	7	7	7	7	7	7	6	6	7	11	11	11	6
25	6	5	4	4	4	****	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
2	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
3	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
4	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
5	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
6	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
7	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
8	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
9	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
10	****	****	****	****	****	****	****	****	****	****	****	5	6	6	7	7	7	8	5	4	4	5	5	4	****
11	3	3	4	3	3	3	3	3	7	7	7	8	8	9	****	****	7	7	6	****	****	****	****	****	5
12	****	****	****	****	****	****	****	****	6	8	8	9	8	8	8	****	8	9	9	9	9	9	5	5	****
13	****	****	****	****	****	****	****	****	5	5	5	6	7	7	7	****	7	7	7	7	6	5	5	5	****
14	5	5	5	5	5	5	5	5	5	5	6	6	7	7	8	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
16	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
17	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
18	3	3	3	3	3	4	5	5	6	6	7	9	9	10	10	****	11	13	11	9	6	5	6	4	****
19	7	7	7	6	6	5	8	6	7	7	8	8	8	8	7	****	9	8	8	7	6	5	5	7	7
20	4	4	4	4	4	4	3	4	6	6	7	7	8	8	7	****	6	5	5	7	7	6	6	6	6
21	6	7	8	8	8	8	8	8	8	7	8	8	7	7	6	****	5	5	5	5	5	5	5	4	7
22	4	4	4	3	3	3	3	4	5	6	6	7	7	7	8	****	9	8	7	6	6	5	5	5	5
23	5	5	5	4	4	4	3	2	2	3	4	4	3	5	6	****	5	5	6	4	4	4	4	4	4
24	4	4	4	4	4	4	3	4	4	5	7	7	8	8	7	****	6	6	7	7	7	6	****	6	6
25	****	****	****	****	****	****	****	****	****	****	****	****	5	5	5	6	****	6	6	6	6	6	4	4	****
26	****	3	3	3	3	3	4	4	4	5	5	6	6	4	4	****	3	3	3	3	4	4	4	4	4
27	****	2	2	2	2	2	3	3	3	3	3	4	4	5	5	****	4	4	4	4	5	7	5	4	4
28	****	3	3	3	3	3	3	3	3	3	4	7	8	8	7	****	4	4	5	6	6	7	7	7	5
29	****	6	4	4	4	4	4	5	6	6	7	7	7	7	8	****	7	7	8	8	8	8	7	8	6
30	4	4	3	3	4	4	6	7	8	8	8	7	8	8	9	****	8	8	7	7	6	6	5	5	6
31	****	4	4	4	4	4	5	7	8	11	13	14	13	12	12	****	10	10	10	10	13	14	10	9	10
MEAN	5	4	4	4	4	4	4	5	6	6	7	7	7	7	7	7	6	7	7	7	7	6	6	5	6

PERCENTAGE OF DATA VALID - 51

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS													UNITS - PARTS PER HUNDREDMILLION													
STATION - MEMORIAL PK.CORNWALL													NO 56051													
MONTH AUG													72													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	***	9	9	8	8	8	7	7	***	***	***	***	8	8	7	7	***	5	5	4	4	3	3	3	3	6
2	3	3	2	2	2	2	3	3	3	4	4	5	3	4	3	***	3	3	3	3	3	3	3	3	3	
3	3	2	2	3	3	***	***	***	***	***	***	***	***	***	***	***	3	8	7	5	4	4	5	5	***	
4	6	6	6	9	10	10	10	10	9	8	7	6	9	9	9	***	8	15	13	12	10	10	8	8	8	
5	6	3	3	4	4	5	8	8	9	9	9	9	9	9	9	***	13	15	13	12	10	8	8	8	8	
6	8	9	9	9	9	9	8	7	9	11	11	14	17	17	17	***	***	***	***	***	***	***	***	***	***	
7	- DATA MISSING -																									
8	- DATA MISSING -																									
9	***	***	***	***	***	***	***	***	***	***	***	***	13	13	***	14	9	9	9	7	6	7	7	6	***	
10	6	6	6	5	5	5	6	6	6	4	5	6	9	9	9	14	13	9	9	8	8	8	7	8	7	
11	7	6	6	6	5	6	6	7	8	8	10	10	10	10	***	14	16	14	12	10	10	9	9	10	9	
12	12	16	16	15	15	15	15	15	15	14	14	14	13	14	***	19	18	20	19	19	18	17	17	12	16	
13	9	8	6	5	5	5	5	5	6	6	5	6	8	8	***	8	8	8	7	7	8	9	9	6	7	
14	6	5	5	5	6	6	7	7	6	7	8	9	9	9	***	20	19	16	12	9	8	8	6	6	9	
15	5	3	3	4	5	6	6	7	7	8	8	9	9	9	***	10	11	10	9	9	9	8	8	7	7	
16	7	6	7	10	13	6	8	8	12	12	12	13	15	11	***	11	9	10	9	7	7	5	5	5	9	
17	6	6	7	7	6	6	7	7	7	7	9	9	10	10	***	9	8	8	7	5	2	2	2	2	6	
18	1	1	1	1	1	2	2	4	7	6	7	9	9	10	***	8	8	6	6	6	6	6	5	5	5	
19	5	6	6	5	5	4	4	5	5	6	6	7	8	7	***	7	7	7	7	7	6	6	7	6	6	
20	6	6	5	5	5	4	5	6	7	8	11	9	10	10	***	9	9	8	8	8	7	7	5	5	7	
21	5	5	5	5	5	6	6	6	7	9	9	11	13	15	15	***	15	14	12	12	12	12	14	13	10	
22	13	13	12	11	11	11	10	11	13	15	16	17	17	17	***	***	***	***	***	***	***	***	***	***	***	
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
24	5	4	5	4	4	4	4	5	5	7	8	8	8	8	***	6	6	7	8	8	6	7	6	***	***	
25	5	5	4	4	3	3	4	5	5	4	4	6	9	9	7	***	12	15	11	8	11	10	10	8	7	
26	6	4	4	4	4	4	4	5	5	6	6	6	6	6	***	8	11	12	13	8	6	5	5	6	6	
27	4	4	4	4	3	3	3	3	6	6	5	4	5	6	***	4	6	9	8	7	7	8	8	5	5	
28	7	6	6	6	6	6	6	5	5	5	6	6	6	5	***	9	6	6	8	9	9	8	9	7	7	
29	8	5	3	3	3	3	3	4	5	5	6	6	6	7	***	6	6	5	5	5	5	5	5	4	5	
30	4	3	3	3	3	3	3	4	5	5	6	6	6	8	***	7	6	5	5	5	6	4	4	4	5	
31	4	4	5	5	5	5	5	5	6	6	9	10	11	10	10	***	12	11	11	12	8	8	6	6	8	
MEAN	6	6	6	6	6	6	6	6	7	8	8	9	9	9	8	13	10	10	9	8	8	7	7	7	7	

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS											UNITS - PARTS PER HUNDREDMILLION														
STATION - MEMORIAL PK.CORNWALL											NO 56051														
MONTH SEP 72																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	4	5	5	5	5	6	9	12	13	13	14	14	***	14	14	16	15	12	11	8	7	9
2	8	9	10	9	9	9	9	9	8	8	12	14	14	14	14	***	14	13	12	9	8	5	3	3	10
3	3	3	3	3	3	3	3	4	4	4	5	5	5	4	3	***	3	3	3	3	3	3	3	3	3
4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	***	5	5	5	5	5	4	5	4	4
5	4	4	4	4	4	4	4	4	5	5	5	6	6	7	7	***	7	6	6	6	5	5	5	5	5
6	6	7	7	7	5	5	5	5	5	5	5	5	6	6	6	***	8	8	8	9	13	6	5	4	6
7	4	4	4	4	4	4	4	5	5	6	7	8	10	9	10	***	10	9	9	8	8	8	7	7	7
8	7	7	8	8	7	6	7	7	***	***	***	***	5	6	6	***	6	6	6	6	5	5	6	4	6
9	3	2	2	2	2	2	2	***	3	3	3	3	3	3	3	***	3	3	4	4	5	4	4	4	3
10	3	3	3	2	2	2	2	2	3	3	3	3	3	4	4	***	4	5	5	4	4	4	3	3	3
11	3	3	3	3	3	3	4	***	4	5	6	6	8	8	7	***	10	9	8	9	9	10	10	9	7
12	9	9	8	7	5	4	4	***	3	3	4	4	4	4	4	***	4	4	4	5	6	6	6	8	5
13	6	3	2	2	2	2	3	***	3	3	4	4	4	4	4	***	4	4	4	4	4	4	3	3	4
14	3	5	5	5	5	5	5	***	4	4	3	3	3	3	3	***	4	4	4	4	4	4	4	3	4
15	3	2	2	2	2	2	2	***	3	3	4	5	5	5	6	***	4	4	4	5	5	5	4	5	4
16	6	6	6	6	6	6	6	***	6	7	7	7	7	7	7	***	7	5	6	6	6	5	6	6	5
17	7	8	9	8	8	8	7	***	7	8	7	8	8	8	7	***	7	7	7	6	8	7	7	6	7
18	4	5	3	3	3	3	3	***	3	3	3	3	4	4	4	***	4	4	4	5	4	3	3	3	3
19	3	2	2	2	2	2	3	***	3	3	3	3	4	4	4	***	4	4	4	4	4	3	3	3	3
20	2	2	2	2	2	2	2	***	3	3	3	3	3	3	3	***	4	4	4	4	4	4	3	3	3
21	8	8	6	5	4	6	8	***	4	4	6	7	7	6	6	***	6	7	9	9	5	4	4	4	6
22	5	7	5	4	4	3	3	***	3	3	3	3	4	4	4	***	4	4	3	4	4	5	4	4	4
23	3	3	3	3	3	4	4	***	4	4	3	4	4	5	5	***	5	4	4	4	5	7	8	4	4
24	3	3	4	4	3	4	4	***	4	4	4	4	4	4	4	***	4	4	4	4	4	4	4	4	4
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	4	4	4	4	4	4	4	***	4	4	3	3	3	3	3	***	3	3	3	4	3	3	4	4	4
27	3	3	3	3	3	3	2	***	3	3	3	3	3	3	3	***	3	3	3	3	3	3	3	3	3
28	2	1	1	1	1	3	3	***	3	3	3	3	3	3	3	***	4	4	3	4	5	4	5	4	3
29	5	4	4	3	3	3	3	***	4	4	4	4	4	4	4	***	4	4	4	4	4	3	3	3	3
30	3	3	3	3	3	3	3	***	2	2	3	3	3	3	3	***	3	3	3	3	2	3	3	3	3
MEAN	4	4	4	4	4	4	4	5	4	4	5	5	5	5	6	5	6	6	6	6	6	5	5	4	3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK. CORNWALL

NO 56051

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	3	3	3	***	***	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3
2	3	2	3	2	2	2	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	3	4	4	3	2	2	2	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
21	1	1	1	1	1	1	1	1	2	***	1	1	2	2	1	1	1	2	2	2	1	1	2	1	1
22	2	1	1	1	1	1	1	1	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	3	3	3	3	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	15	11	9	5	***	3	4	5	5	5	5	5	3	3	2	3	3	3	4	3	3	3	2	5	5
29	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
31	2	1	1	1	2	2	2	2	***	2	2	2	2	2	***	***	***	***	3	3	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK. CORNWALL

NO 56051

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	2	2	***	3	3	3	3	3	3	2
2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	2
3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	2
6	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	2
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14	2	2	2	3	3	3	3	4	4	***	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	3
16	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	3
17	2	2	2	2	2	2	2	3	4	4	4	4	5	5	5	6	6	5	6	6	7	5	7	6	4
18	7	7	8	9	8	8	8	9	8	8	5	4	4	4	4	4	3	3	4	4	5	5	4	***	6
19																									
20																									
21	2	2	2	2	2	2	2	2	3	3	2	***	3	3	3	3	4	3	3	4	5	6	8	10	3
22	7	2	3	3	3	3	3	3	4	3	3	***	3	3	3	4	6	3	5	3	3	3	3	3	4
23	3	3	3	3	3	3	3	3	3	3	3	***	2	2	2	2	3	2	2	3	3	3	3	3	3
24	3	3	3	3	3	3	3	3	3	3	3	***	4	4	4	4	5	5	3	3	3	3	3	3	3
25	2	3	2	2	2	2	2	3	3	3	3	***	3	4	4	5	4	4	4	4	4	4	4	4	3
26	4	4	4	4	4	4	4	3	3	3	3	***	4	4	4	3	3	3	3	3	3	3	3	3	3
27	2	2	2	2	2	2	2	4	4	4	4	***	6	6	5	4	4	4	4	4	4	4	4	4	3
28	2	2	2	2	2	2	2	3	3	3	3	***	5	6	4	4	4	4	4	4	4	4	4	4	3
29	3	2	2	2	2	2	2	2	3	3	3	***	4	4	4	4	4	4	4	4	4	4	4	4	3
30	2	2	2	2	2	2	2	3	3	3	3	***	4	4	4	4	4	4	4	4	4	4	4	4	3
MEAN	3	3	3	3	3	3	3	3	3	3	3	2	3	4	3	3	4	4	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK, CORNWALL

NO 56051

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	4	4	3	2	3	3	3	3	4	3	3	3	3	3	4	5	5	4	4	4	4	4	4	4	3
6	3	4	4	3	4	3	3	5	8	11	6	6	2	2	3	2	2	2	2	2	2	2	2	3	3
7	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	5	4	3	2	2	2	2	3
8	2	2	3	3	4	4	4	3	4	3	3	3	4	4	5	5	5	5	5	4	4	4	4	4	4
9	5	5	5	4	3	3	3	3	4	4	4	4	4	4	5	6	8	8	6	6	5	5	4	4	5
10	4	5	6	5	3	3	3	3	4	5	7	7	6	5	4	4	3	4	4	3	3	3	2	2	4
11	2	2	2	2	2	2	2	3	4	4	3	3	3	4	4	4	5	5	5	4	5	5	4	4	3
12	3	3	3	3	3	3	3	4	5	3	4	4	6	6	6	7	6	5	4	4	3	4	4	3	4
13	2	2	2	2	2	2	2	3	4	4	4	4	3	3	2	3	4	4	4	4	4	4	5	4	3
14	3	3	3	3	2	2	2	3	3	3	2	2	3	4	4	4	5	7	10	11	6	4	4	3	4
15	3	3	3	3	4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
16					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
17					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
18					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
19					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
20					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
21					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
22					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
23					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
24					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
25					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
26					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
27					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
28					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
29					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
30					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
31					4	4	4	4	4	4	4	4	3	4	4	4	5	7	10	11	6	4	4	3	4
MEAN	3	3	3	3	3	3	3	3	4	4	4	4	3	4	4	4	4	5	5	4	4	4	4	3	4
PERCENTAGE OF DATA VALID																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MEMORIAL PK,CORNWALL

NO 56051

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	16	3	4	5
MAR	23	4	6	12
APR	25	6	10	14
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL	20	6	9	14
AUG	29	7	16	20
SEP	30	5	10	16
OCT	22	2	5	15
NOV	23	3	6	10
DEC	15	4	5	11
YEAR	203	5	16	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	DATA MISSING						
FEB	13	221	58	0	0	0	292
MAR	0	140	302	18	3	0	463
APR	1	67	300	106	18	0	492
MAY	DATA MISSING						
JUN	DATA MISSING						
JUL	0	57	179	139	11	0	386
AUG	5	54	227	230	61	34	611
SEP	4	222	309	107	18	2	662
OCT	150	288	19	1	3	1	462
NOV	9	321	103	15	0	0	448
DEC	0	155	110	7	2	0	274
YEAR	182	1525	1607	623	116	37	4090

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION									MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
62	0	1.4	2.5	3.4	4.7	7.7	9.2	12.1	13.8	20	4.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	16	15	16	15	14	11	11	13	15	17	19	19	18	19	21	25	22	24	26	18	20	18	17	17	17
4	15	16	17	14	12	9	8	13	15	15	15	13	14	14	15	15	15	14	12	11	10	10	9	11	13
5	9	9	9	8	8	7	6	8	9	10	11	12	13	12	14	13	13	15	17	15	13	11	10	9	11
6	8	7	6	6	6	6	6	8	12	16	19	19	19	19	21	21	17	15	13	7	9	10	8	8	12
7	8	8	8	7	7	7	6	8	9	11			12	12	12	12	12	12	11	8	5	13	15	14	10
8	14	16	16	14	12	10	9	11	14	16	20	23	25	26	28	30	30	29	28	28	28	28	27	21	10
9	24	21	20	20	19	18	18	18	16	16	16	15	15	15	13	12	12	12	11	10	9	8	8	9	15
10	10	11	11	10	9	8	8	8	8	8	9	10	10	11	12	12	13	13	12	12	10	9	8	8	10
11	7	7	6	5	5	4	8	11	12	13	14	14	14	14	15	18	18	19	18	18	15	15	14	15	12
12	15	12	11	12	9	9	8	9	11	12	12	11	14	14	12	16	16	14	8	6	9	11	10	10	11
13	8	8	9	8	9	7	8	7	7	9				3	3	3	3	3	5	5	6	6	6	6	6
14	6	5	4	4	4	3	3	3	4	6	8	9	10	11	12	14	14	13	12	12	12	10	9	8	8
15	8	8	7	6	6	6	5	6	7		11	8	6	6	6	7	8	7	7	8	11	12	10	8	8
16	7	6	6	4	4	3	3	3	3	4	6	6	7	7	6	6	6	6	3	3	3	3	2	2	5
17	1	1	1	1	2	2	3	3	5	6	7	8	7	8	8	8	10	10	9	8	7	6	5	5	5
18	5	5	5	6	6	5	3	4	6	7	8	9	11	12	12	13	13	12	13	12	9	7	5	3	8
19	3	4	3	2																					
20																									
21																									
22																									
23	3	3	3	3	3	2	2	2	2	3	4	5	7	7	7	6	7	6	7	6	6	6	6	6	5
24	5	5	4	4	4	4	5	5	4	4	4	5	4	4	5	5	5	4	4	4	4	4	3	3	4
25	2	3	3	3	4	4	4	5	5	5	4	4	5	5	6	7	7	6	9	4	2	3	3	4	4
26	4	4	3	1	2	2	3	5	8	9	10	10	10	10	9	10	10	10	10	9	9	9	7	6	7
27	4	4	3	2	2	2	4	6	8	8	8	8	8	8	8	8	8	8	10	9	10	8	7	7	6
28	9	10	10	9	5	3	4	6	8	8		10	12	10	11	11	11	10	10	10	8	6	7	7	8
29	6	5	5	4	4	3	3	3	5	6	5	6	6	6	6	6	6	5	5	5	5	6	6	5	5
30	4	4	4	4	3	3	3	2	4	5	4	6	7	7	7	8	8	8	9	8	6	3	5	4	5
MEAN	8	8	8	7	7	6	6	7	8	9	10	11	11	11	11	12	12	11	11	10	9	9	9	8	9

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	4	4	3	3	5	5	8	10	11	10	9	8	8	8	9	11	10	10	10	13	12	8
2	11	11	9	6	5	4	5	6	7	10	13	15	16	16	17	17	17	15	13	10	5	16	17	12	5
3	14	13	8	7	6	5	4	4	5	5	5	5	5	5	4	3	5	6	7	5	4	2	1	2	5
4	3	2	2	3	3	3	4	5	5	6	8	8	9	10	9	10	9	9	9	8	7	6	5	3	6
5	3	3	4	4	4	3	3	3	4	5	6	6	6	6	8	8	7	8	6	5	4	4	4	6	5
6	5	5	4	3	2	1	0	1	3	5	6	6	14	14	13	13	13	14	9	10	9	3	5	7	5
7	6	6	2	3	2	1	3	7	20	23	25	26	18	20	19	29	30	30	30	22	18	20	23	13	17
8	19	15	11	9	5	4	6	9	9	12	19	20	21	22	22	23	23	22	21	16	12	19	19	16	16
9	18	14	10	9	9	11	10	14	25	26	28	29	22	22	24	24	24	23	28	26	24	25	23	23	20
10	13	10	11	11	11	9	9	9	12	13	15	18	22	22	21	22	25	24	25	25	23	22	22	23	17
11	23	19	18	13	6	9	11	11	12	13	15	19	21	21	23	25	23	23	23	18	14	18	20	18	17
12	20	24	21	18	11	7	7	10	14	19	21	24	24	25	24	29	32	31	24	20	19	15	15	14	20
13	11	10	10	8	6	5	6	9	12	15	19	22	21	19	20	17	11	9	9	7	4	4	4	11	11
14	9	13	12	9	6	6	6	9	10	12	12	14	18	20	21	22	21	19	19	18	18	18	17	17	14
15	16	14	13	12	11	10	10	10	10	11	13	16	16	15	20	16	14	11	9	8	6	7	7	12	12
16	6	4	5	5	4	4	3	4	5	9	14	16	18	16	16	15	15	18	17	16	11	12	11	4	10
17	9	11	12	11	13	8	6	10	14	17	20	24	25	26	26	24	22	22	18						17
18																									
19	10	9	7	6	4	3	3	3	5	5	17	17	18	18	17	18	18	19	20	20	14	11	9	10	
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	11	10	9	8	6	5	6	7	10	12	15	17	17	17	17	18	18	17	17	15	13	12	13	12	13

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	18	17	16	13	13	12	12	10	12	15	21	23	25	28	29	27	26	27	28	21	17	12	7	7	18	
2	10	11	10	9	10	6	7	6	8	9	9	10	13	13	15	14	15	16	17	16	15	17	17	15	12	
3	13	12	11	10	9	8	6	7	9	10	10	11	13	13	14	15	16	13	7	7	7	7	5	4	10	
4	3	3	3	3	3	3	3	2	2	2	4	5	7	7	8	9	12	13	14	13	11	10	9	5	6	
5	6	6	4	1	1	1	1	0	3	5	8	9	11	12	12	12	12	12	11	9	3	5	3	7		
6	8	6	6	4	9	14	14	15	10	11	15	20	23	21	21	21	21	18	16	16	15	16	16	15	15	
7	15	13	10	8	5	4	5	7	8	7	5	8	11	12	11	11	11	12	11	11	12	8	6	5	9	
8	6	6	6	7	5	3	0	3	4	5	***	7	8	9	11	9	9	10	11	9	7	6	10	10	7	
9	10	9	9	8	5	4	5	5	5	5	6	7	8	9	8	9	9	8	7	7	6	5	4	4	7	
10	4	3	3	3	3	2	3	5	8	9	9	10	10	10	11	11	11	10	10	9	4	3	2	2	6	
11	4	5	5	3	4	4	4	6	9	9	10	13	18	22	21	22	23	19	11	7	13	16	14	16	12	
12	18	15	12	11	9	8	8	8	7	10	12	11	12	13	14	14	14	13	12	7	13	12	10	8	11	
13	7	6	6	5	5	2	3	7	11	15	17	15	18	20	22	19	14	21	22	18	17	16	14	13	13	
14	18	15	16	17	18	18	17	15	15	13	***	***	33	38	43	46	44	31	17	11	11	6	3	4	20	
15	6	6	5	3	3	3	4	10	15	16	18	20	20	23	22	19	19	19	17	14	12	11	11	10	13	
16	7	6	5	3	3	4	5	9	21	27	33	36	36	35	31	32	33	30	27	20	17	17	13	12	19	
17	12	13	15	15	14	13	11	12	21	27	31	34	38	38	38	40	39	38	37	36	27	24	29	28	26	
18	27	30	33	34	31	24	21	18	20	22	21	19	20	20	20	22	23	23	20	16	14	12	9	7	21	
19	5	4	5	2	1	1	2	5	10	16	20	24	26	29	29	26	22	18	14	9	9	10	8	10	13	
20	10	8	7	7	5	4	5	7	12	19	26	31	39	40	41	44	40	38	35	27	31	25	23	23	23	
21	21	16	17	17	24	16	11	13	16	***	***	45	52	55	57	55	57	63	58	43	37	33	47	51	37	
22	54	41	23	18	15	12	12	17	20	27	33	36	47	53	54	53	52	51	52	46	36	30	24	22	35	
23	23	24	23	17	12	8	9	12	12	13	17	25	34	41	45	49	48	43	41	35	31	30	24	14	26	
24	15	15	11	31	20	17	23	22	25	32	42	47	54	59	59	60	62	56	54	47	40	32	35	37	37	
25	35	35	33	28	22	17	17	20	22	23	24	26	29	29	29	31	31	32	27	22	21	21	24	15	26	
26	13	9	8	6	5	4	4	7	12	17	23	31	35	40	42	45	44	46	39	36	38	***	***	***	24	
27	- DATA MISSING -																									
28	- DATA MISSING -																									
29	***	***	***	***	***	***	***	***	***	***	***	***	22	22	22	24	24	24	23	21	18	14	11	7	4	***
30	2	2	1	2	4	3	4	9	13	18	25	30	36	32	27	27	27	25	12	13	15	16	17	15	16	
31	18	17	14	13	10	9	15	10	19	25	32	38	36	37	45	49	48	37	42	49	34	39	33	35	29	
MEAN	14	13	11	11	10	8	8	10	12	15	19	22	25	27	28	28	28	26	24	20	18	16	15	14	18	

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	36	30	24	22	16	15	21	28	37	45	55	60	65	69	74	73	66	52	45	53	56	48	52	45
2	46	41	41	29	26	27	21	13	13	12	25	31	35	38	25	15	17	17	13	13	12	11	14	23	
3	12	11	9	9	10	8	8	8	11	14	15	16	16	17	19	19	20	18	14	12	9	8	8	6	12
4	6	6	4	4	5	5	7	9	13	16	18	19	21	21	23	22	22	22	21	17	13	6	9	7	13
5	6	7	5	6	6	1	3	4	***	14	14	17	17	17	16	16	17	19	18	17	16	18	19	19	13
6	16	12	10	9	7	5	2	3	6	12	19	21	21	20	20	20	22	22	14	12	16	13	14	16	14
7	17	14	13	12	6	5	7	12	15	19	21	23	26	28	28	27	25	25	22	21	22	22	22	19	19
8	16	14	11	10	4	3	6	9	9	10	10	10	12	12	11	12	14	10	8	8	7	7	6	9	9
9	6	5	5	5	4	3	4	5	6	7	8	8	9	9	10	10	9	8	6	6	6	5	5	3	6
10	4	4	4	4	4	3	5	6	8	10	11	12	12	12	13	13	11	3	4	4	10	9	10	9	8
11	9	5	3	4	2	3	3	3	5	5	9	12	14	14	12	18	21	19	18	16	14	11	11	12	10
12	13	11	11	12	10	8	8	11	13	***	14	15	16	17	18	18	16	15	14	10	3	1	2	4	11
13	9	6	6	6	7	5	4	3	2	3	7	9	12	13	15	17	17	15	13	12	15	11	7	9	9
14	7	6	5	4	4	4	5	7	7	8	7	7	9	9	9	9	9	9	6	5	5	4	3	2	6
15	2	0	0	0	1	0	***	***	0	9	11	11	13	14	21	20	17	19	17	17	14	13	12	12	10
16	14	12	10	11	11	10	4	6	8	12	14	17	19	19	20	22	22	20	17	18	18	16	14	13	14
17	13	14	14	14	14	13	11	11	11	12	14	15	17	18	18	20	20	13	8	6	3	5	9	6	12
18	7	3	2	1	1	1	0	5	6	8	11	11	12	12	14	17	14	9	8	6	5	6	9	7	7
19	9	8	7	6	5	4	3	3	3	***	4	5	9	12	12	11	11	10	9	7	5	4	3	3	7
20	3	2	2	3	4	3	2	4	4	6	9	11	13	14	14	12	12	10	8	7	5	4	4	3	7
21	2	6	8	8	7	7	5	6	7	9	9	12	13	16	19	19	21	20	20	16	9	10	9	8	11
22	9	8	7	7	6	5	4	5	6	7	7	7	7	8	8	8	8	8	6	5	2	2	2	1	6
23	2	2	2	2	1	1	1	1	2	6	8	8	10	10	10	8	8	7	6	5	4	3	3	3	5
24	3	6	6	5	4	2	1	1	1	3	5	8	6	7	9	10	10	7	5	5	3	4	5	3	5
25	3	3	4	4	4	4	4	4	5	6	7	9	10	10	13	17	15	12	13	11	10	10	9	8	8
26	12	13	13	13	12	10	10	6	7	8	9	***	9	9	11	11	10	10	9	9	8	5	6	10	5
27	6	6	6	6	6	6	6	6	6	6	6	7	7	8	8	8	8	7	3	1	2	1	0	0	5
28	0	0	0	0	0	0	1	2	2	***	5	8	9	12	12	14	14	9	7	10	11	9	8	8	6
29	8	6	6	7	6	6	5	5	5	4	5	7	9	8	7	7	6	5	5	5	5	6	8	8	6
30	8	8	8	8	8	10	9	9	8	9	10	10	11	10	10	10	10	9	8	7	2	2	1	1	8
MEAN	10	9	8	8	7	6	6	6	7	10	12	14	15	16	16	17	17	15	13	11	10	10	9	9	11

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	2	1	2	2	4	5	7	10	13	14	15	17	16	13	9	10	10	9	12	14	8
2	13	12	11	9	8	9	3	2	7	9	12	15	17	18	18	18	16	15	9	7	5	4	8	10	11
3	13	13	10	11	8	5	4	2	1	6	13	12	15	18	20	19	16	8	12	18	20	19	19	17	12
4	14	13	12	15	11	12	8	11	15	15	10	10	18	16	15	17	16	15	14	12	13	13	11	12	14
5	11	11	10	9	7	7	6	6	7	8	7	8	9	10	11	12	10	8	7	10	12	9	8	6	9
6	5	6	5	6	5	5	4	3	3	2	10	2	4	3	3	3	4	4	4	3	3	5	7	7	4
7	1	4	5	6	6	6	6	6	6	7	7	7	7	7	7	7	8	7	5	5	4	3	3	1	6
8	9	9	9	9	9	8	8	7	7	9	10	10	11	11	10	10	10	10	9	8	8	8	8	8	8
9	3	1	1	1	0	4	4	3	3	10	9	10	10	10	10	11	11	11	9	8	6	4	3	3	9
10									3	10	9	9	9	9	10	9	9	7	6	6	5	5	3	2	5
11	4	5	5	4	5	4	4	4	5	6	10	8	9	9	10	12	13	14	14	13	13	11	10	10	8
12	12	12	11	10	9	7	6	6	6	7	7	8	7	7	7	7	6	8	8	8	8	7	6	5	8
13	4	5	4	3	3	3	1	1	5	7	7	8	7	8	9	9	9	6	4	5	6	5	6	5	6
14	7	6	8	6	4	1	5	5	6	6	7	7	8	9	9	9	9	6	4	5	6	5	6	5	6
15	9	9	9	9	7	6	7	7	8	10	11	11	11	11	11	10	10	10	9	9	9	10	9	8	8
16	11	10	9	10	8	9	10	9	8	7	7	9	10	9	9	10	10	11	11	11	11	10	9	7	9
17	11	11	11	11	11	10	9	9	9	10	10	10	10	10	9	10	10	11	11	11	11	11	10	9	10
18	4	3	3	2	2	1	1	2	4	6	7	9	7	7	8	8	9	9	8	7	6	5	4	2	8
19	5	5	4	5	5	5	4	4	6	10	7	9	10	10	10	10	10	9	5	3	6	7	5	5	5
20	3	3	3	4	4	3	5	5	2	5	9	10	10	10	9	10	9	9	6	3	2	4	4	4	6
21	5	5	4	3	1	0	1	2	3	4	5	4	5	5	5	6	6	5	5	5	5	5	4	3	4
22	3	4	4	2	2	2	2	2	3	3	3	3	3	4	3	3	4	4	4	3	3	4	3	3	3
23	2	2	2	2	1	2	4	4	4	5	5	5	5	5	5	6	8	8	8	9	9	5	3	3	3
24	0	1	2	2	2	2	2	2	3	3	3	3	4	4	4	3	3	3	3	3	4	4	4	4	3
25	5	6	8	8	9	8	7	5	5	7	7	8	10	11	11	7	6	6	3	1	4	6	5	7	7
26	5	8	7	4	4	3	1	1	3	7	8	6	6	8	10	10	10	6	5	1	6	3	4	7	6
27	5	4	3	2	1	1	0	1	1	3	6	9	11	12	14	14	11	12	8	7	6	5	4	6	6
28	3	6	7	8	5	5	5	1	6	6	6	5	4	6	6	5	4	3	4	3	3	4	4	3	5
29	3	4	4	5	5	5	4	5	5	5	6	6	8	7	5	5	5	5	5	6	6	6	6	5	5
30	6	6	6	5	5	6	6	7	7	7	8	8	8	8	8	6	3	1	2	1	1	1	0	5	5
31	0	1	2	2	3	1	1	2	3	6	7	8	9	9	9	9	8	6	5	3	3	4	4	4	4
MEAN	6	6	6	6	5	5	5	5	5	6	7	8	9	9	9	10	9	8	7	7	7	6	6	6	7

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	2	2	4	5	5	5	5	5	5	4	3	2	2	2	2	2	1	3
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	6	5	8	11	13	11	9	9	3
3	9	8	8	6	6	6	5	4	4	5	6	6	6	5	5	5	4	4	3	2	3	1	0	0	5
4	0	0	1	1	2	2	3	2	1	1	2	2	2	2	2	2	2	3	6	6	5	5	5	5	3
5	4	4	4	4	5	4	4	5	5	4	4	5	6	8	7	7	6	6	5	4	2	1	2	3	3
6	5	6	6	6	7	7	6	4	5	6	6	7	8	9	9	7	4	4	5	4	4	5	4	2	6
7	3	4	4	4	3	3	3	2	3	3	3	3	5	5	4	4	4	2	2	3	4	5	8	9	4
8	8	8	7	6	4	4	2	3	3	3	3	4	4	4	3	4	6	7	7	7	6	7	7	5	5
9	8	8	8	7	8	7	8	7	7	7	7	6	8	7	7	7	6	6	5	5	4	4	3	2	6
10	2	3	3	3	5	4	5	4	5	6	6	8	8	8	6	6	7	7	6	4	3	3	2	2	5
11	2	2	2	2	1	1	1	1	1	2	2	3	5	5	4	4	5	6	6	3	3	4	3	2	3
12	3	2	2	3	3	3	3	2	2	3	4	6	6	6	6	4	1	1	2	1	1	1	1	2	3
13	4	4	4	6	6	7	7	2	2	2	2	3	3	3	3	1	0	1	3	5	6	2	0	3	3
14	6	6	6	6	7	7	8	8	7	7	8	8	6	4	3	5	6	6	7	8	8	7	7	7	7
15	7	8	8	7	7	7	8	8	7	7	8	8	6	4	3	5	6	6	7	8	8	7	7	7	7
16	7	6	10	10	11	11	11	5	5	6	7	8	8	10	10	11	10	9	8	7	6	5	7	8	8
17	0	0	0	0	0	0	1	1	4	5	7	10	11	12	12	11	10	8	6	6	6	4	0	1	8
18	6	8	6	2	3	3	1	1	1	1	1	7	7	8	8	7	9	7	6	7	8	7	6	5	5
19	1	2	1	1	1	0	1	0	0	1	2	3	5	7	9	8	5	3	3	2	1	0	0	1	3
20	4	4	3	2	2	2	2	1	1	2	2	3	4	4	4	3	3	4	5	5	4	3	3	3	2
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	4	4	4	4	4	4	4	3	3	4	5	5	6	6	6	5	5	5	5	5	5	4	4	4	4

PERCENTAGE OF DATA VALID - 63

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
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22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 51

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS PER BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	27	9	21	30
JUL	20	13	20	32
AUG	29	18	37	63
SEP	30	11	45	74
OCT	31	7	14	20
NOV	20	4	8	13
DEC	17	4	12	13
YEAR	174	10	45	74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNIT - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 100	101 TO 150	151 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN	405	175	22	0	0	0	0	602
JUL	202	154	77	2	0	0	0	435
AUG	243	217	100	96	22	0	0	678
SEP	436	214	40	12	11	0	0	713
OCT	625	104	0	0	0	0	0	729
NOV	449	11	0	0	0	0	0	460
DEC	358	28	0	0	0	0	0	386
YEAR	2718	903	239	110	33	0	0	4003

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
77	0	1.6	4.3	7.0	10.6	19.7	25.8	37.6	46.8	74	9.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	2	1	****	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	1	1	1	1	1	****	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
3	1	1	2	1	1	1	1	1	****	****	****	****	****	****	****	****	2	2	2	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	****	****	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2
5	2	2	1	1	1	2	2	2	****	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	3	2	1	2	1	3	2	****	3	2	2	3	5	4	3	3	3	4	4	3	3	3	3	3
7	1	1	2	2	1	2	2	2	****	****	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
8	2	3	3	2	2	2	2	2	****	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
9	1	1	2	1	1	1	1	1	****	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2
10	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
11	2	1	1	1	1	1	2	2	****	2	2	2	2	1	1	2	2	2	3	3	3	2	2	2	2
12	2	2	1	1	1	1	1	1	****	****	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
14	3	3	3	3	3	3	3	3	****	3	3	2	3	4	****	****	2	2	2	2	2	2	2	2	2
15	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
17	1	1	1	1	1	1	1	2	****	****	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
18	****	****	2	****	****	1	1	1	****	****	****	****	1	3	3	3	3	3	3	3	3	3	3	3	3
19	1	1	1	1	1	1	1	1	****	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
20	2	2	1	1	1	1	1	2	****	****	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2
21	1	1	0	0	1	1	1	1	****	****	****	1	1	1	1	****	1	1	1	1	0	0	1	1	1
22																									
23																									
24	1	1	1	0	1	1	1	1	****	1	1	1	1	2	1	1	2	2	2	2	1	1	2	1	1
25	1	1	1	1	1	1	1	1	****	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	1
26	1	1	1	0	0	1	1	1	****	****	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	1	1	1	1	1	1	2	2	****	****	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2
28	1	1	2	2	2	2	1	2	****	1	2	1	****	****	2	2	2	3	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	****	2	2	3	3	4	4	3	3	4	4	3	3	3	3	3	3
30	3	3	2	3	2	2	2	2	****	2	2	2	2	2	2	2	2	1	1	2	1	1	1	1	2
31	2	2	2	2	2	2	2	2	****	1	1	1	****	****	2	2	3	3	3	3	3	3	3	3	2
MEAN	2	2	2	1	1	1	2	2		1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	1	1	2	****	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	2	2	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	1	2	1	1	1	1	1	2	****	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	3	4	4	4	****	****	****	****	****	****	****	0	1	1	1	1	2	2	3	2	2	2	2	2	2
9	2	2	2	2	1	1	1	2	****	2	3	3	4	4	3	4	4	4	3	4	4	4	4	3	3
10	3	3	4	4	4	4	4	5	****	8	6	5	4	2	2	2	3	3	4	4	4	4	4	4	4
11	3	4	4	4	4	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12																									
13																									
14																									
15																									
16																									
17																									
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19	2	2	2	2	1	1	1	1	****	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	****	1	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2
21	1	1	1	1	1	1	1	1	****	0	0	0	2	2	2	2	2	3	2	1	1	1	1	0	1
22	0	0	0	0	1	0	1	1	****	2	2	2	2	3	2	3	3	3	3	2	1	1	1	2	2
23	2	2	2	1	1	2	2	2	****	****	****	1	1	1	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	1	****	1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
25	1	1	1	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	2	2	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27																									
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	3	3	2	1	1	2	2	2	****	3	3	2	2	1	1	2	2	3	2	3	2	2	3	3	2
MEAN	2	2	2	2	1	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	2	2	0.000	2	2	2	1	1	2	2	1	1	2	1	1	1	1	1	1
2	1	1	1	1	0	1	1	1	0.000	2	2	2	2	2	1	2	0.000	3	3	2	2	3	2	2	2
3	1	2	1	1	1	1	2	2	0.000	0.000	0.000	2	2	2	2	3	3	2	2	2	2	2	2	2	2
4	2	2	2	1	1	2	2	2	0.000	1	2	2	2	2	2	2	2	1	1	1	2	1	1	1	2
5	1	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	1	1
8	1	1	0	0	0	0	0	0	0.000	1	1	0	0	0	1	1	1	2	1	1	1	1	0	0	1
9	1	1	1	1	1	1	0	0	0.000	1	1	2	2	2	2	3	2	2	2	2	2	2	0	0	1
10	2	2	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	1	2	3	2	2	2	2	1	1	0	0	2
11	0.000	0.000	0.000	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	1	0	0	1	1	1	1	0	0	0.000
12	1	1	0	0	0	0	0	0	0.000	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	0.000	2	2	1	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	2	2	2	2	2	2	1	1	0.000
15	1	1	1	1	1	1	1	1	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0.000
16	2	2	2	2	2	2	2	2	0.000	0.000	2	3	2	2	2	3	3	3	2	2	1	2	1	1	2
17	1	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	2	2	2	2	2	2	2	1	1	1	1	1	1
18	1	0	0	0	0	0	0	0	0.000	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	1
19	1	1	1	1	1	1	0	0	0.000	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
20	1	1	1	1	1	1	1	1	0.000	3	2	2	2	3	3	4	5	4	3	3	2	2	2	2	2
21	2	2	2	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	2	2	3	3	3	2	2	2	1	1	2
22	1	1	1	1	1	1	1	1	0.000	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	1	2	1	2	2	2	0.000	4	3	3	3	4	4	3	4	4	4	4	3	3	3	3	3
24	3	3	3	3	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	2	2	2	2	2	0.000
25	1	1	1	1	2	2	2	2	0.000	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	0.000	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	1	0	1	1	1	2	2	1	1	1	1	1	1
28	1	1	1	1	0	1	1	1	0.000	0.000	0.000	0.000	1	1	2	3	4	5	5	4	3	3	3	3	2
29	3	2	1	0	1	0	1	1	0.000	2	2	2	3	1	4	5	5	4	4	3	2	2	2	2	2
30	2	2	2	1	1	1	2	2	0.000	3	4	4	4	0.000	0.000	3	4	5	6	5	5	5	5	5	3
31	4	3	3	3	3	3	3	2	0.000	1	1	2	3	2	2	2	3	3	4	6	6	6	6	6	3
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	4	4	3	2	3	0.000	2	4	4	5	5	5	5	5	5	6	8	7	7	7	6	5
2	6	6	5	5	4	4	4	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	DATA MISSING				-	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3	3	4	4	4	4	5	4	4	5	5	6	5	0.000
5	4	4	4	3	3	3	3	3	0.000	3	4	4	4	4	5	4	5	6	6	6	7	6	6	6	4
6	4	4	5	4	3	3	4	4	0.000	4	5	6	1	2	6	7	6	3	4	6	5	6	5	5	4
7	4	5	5	4	4	3	4	4	0.000	0.000	0.000	1	2	2	3	3	3	3	4	3	3	3	3	3	3
8	3	3	3	3	3	2	1	1	0.000	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2
9	2	2	2	1	1	1	1	1	0.000	2	3	3	2	2	2	3	3	3	3	3	3	4	4	4	2
10	3	2	3	2	2	2	2	3	0.000	3	5	7	7	6	5	0.000	3	3	3	3	4	4	4	4	4
11	4	4	5	5	4	3	3	4	0.000	0.000	0.000	5	3	3	3	4	5	3	5	7	5	4	4	5	4
12	5	4	4	3	3	2	3	3	2	2	3	3	3	4	4	4	6	5	3	3	2	2	2	2	3
13	2	2	1	2	2	3	3	3	1	2	2	3	3	3	3	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
15	4	3	3	4	4	4	4	4	0.000	3	3	4	4	3	3	3	3	5	5	4	4	3	3	4	0.000
16	2	2	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	0	1	0.000	0.000	0.000	4	3	3	3	4	4	4	3	3	3	4	4	3	2
18	2	3	2	2	2	2	2	2	0.000	3	3	3	3	3	2	3	3	4	5	7	8	8	7	4	4
19	7	6	6	6	4	3	2	3	5	0.000	5	3	3	4	4	3	5	5	4	2	1	1	2	2	4
20	1	1	1	1	1	1	1	2	2	3	3	3	3	4	4	4	5	5	5	5	6	5	6	5	3
21	5	5	5	5	5	4	5	4	3	0.000	0.000	0.000	2	3	3	3	3	4	3	4	4	3	3	4	4
22	4	3	2	2	2	2	2	2	2	2	3	3	4	4	4	5	5	6	6	5	4	4	4	4	4
23	4	4	4	4	3	3	3	3	3	0.000	2	2	2	2	2	2	2	3	3	4	3	3	4	4	3
24	5	4	3	1	2	2	3	3	3	2	3	4	5	5	4	4	5	4	4	3	2	3	3	3	3
25	4	3	3	3	3	2	2	2	3	2	3	2	2	2	3	4	4	4	4	3	4	5	6	7	3
26	7	6	6	5	4	4	4	6	7	0.000	0.000	0.000	0.000	0.000	2	2	3	3	4	4	5	6	6	5	5
27	4	4	3	3	4	4	4	4	4	4	2	3	4	4	3	2	3	4	6	6	6	5	5	5	4
28	6	6	6	5	5	4	4	4	6	0.000	10	10	6	0.000	0.000	3	4	4	4	6	6	7	6	7	6
29	6	6	6	6	6	5	4	4	3	0.000	4	4	3	4	1	1	2	3	2	2	2	2	2	2	3
30	1	1	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2
MEAN	4	4	4	3	3	3	3	3	3	2	3	4	3	3	3	3	4	4	4	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	2	1	****	1	1	1	3	3	3	3	4	2	3	2	1	1	1	2
2	1	2	2	3	2	2	3	3	****	2	3	2	1	1	2	3	4	5	5	4	3	4	4	3	3
3	3	3	2	3	2	2	3	3	****	3	****	4	3	3	4	5	4	4	4	5	6	6	5	7	4
4	7	7	6	5	3	2	3	5	****	4	4	3	3	4	4	4	5	4	5	5	2	3	1	3	3
5	4	5	6	5	4	5	5	****	****	****	****	3	3	3	3	3	3	3	1	4	3	3	3	3	3
6	3	4	3	2	1	2	3	****	3	3	4	5	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	2	2	1	1	1	1	1	1	1	1	2	2	2	3	5	6	5	4	4	4	3	3	3
8	3	2	2	2	2	2	2	****	3	4	4	4	3	2	3	4	4	3	2	3	4	4	5	5	3
9	2	3	2	2	2	3	2	****	3	2	3	3	3	4	3	4	3	3	3	3	5	5	7	6	4
10	5	5	5	4	4	4	4	****	4	3	3	2	3	****	2	3	3	3	3	3	5	5	7	6	4
11	5	6	5	5	5	5	5	****	****	****	****	1	2	3	3	4	2	1	1	2	2	3	3	3	3
12	3	3	2	3	3	3	3	3	4	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****
13	3	3	2	3	3	3	3	3	4	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	1	1	3	3	3	3	3	3	3	3	3	****
15	2	2	1	2	1	1	1	****	1	2	1	2	2	3	3	3	4	3	4	3	3	4	3	3	2
16	3	3	3	3	2	2	2	****	1	****	****	1	2	2	2	2	2	2	1	1	1	1	2	2	2
17	2	1	1	1	1	1	1	****	8	6	4	5	4	3	4	4	3	4	4	4	3	3	2	2	3
18	1	1	1	1	1	1	1	****	****	****	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2
19	2	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	0	1	1	1	1	1	****	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1
21	0	0	0	0	0	1	1	****	0	0	0	0	0	0	1	0	1	1	2	2	2	2	1	1	1
22	1	1	****	****	****	****	****	****	1	3	3	1	1	2	1	1	1	1	1	2	3	4	3	2	2
23	2	1	0	2	2	3	****	9	6	4	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3
24	3	3	3	2	2	2	2	****	1	1	0	****	****	****	****	****	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	****	1	1	0	1	****	2	3	3	2	1	2	2	2	2	2	2	2
26	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	1	1	1	1	1	1	2	1	1	****
27	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
28	0	0	0	1	0	1	2	****	2	1	1	1	1	1	1	2	2	3	****	****	****	****	****	****	****
29	0	0	0	1	0	1	2	****	2	1	1	1	1	1	1	2	2	3	****	****	****	****	****	****	****
30	0	0	0	1	0	1	2	****	2	1	1	1	1	1	1	2	2	3	****	****	****	****	****	****	****
31	0	0	0	1	0	1	2	****	2	1	1	1	1	1	1	2	2	3	****	****	****	****	****	****	****
MEAN	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	1	1	2	2	2	2	3	5	4	3	3	****
2	2	3	2	2	****	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
3	2	2	1	1	****	0	0	0	0	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	2	2	****
5	1	1	1	0	0	0	1	1	2	2	3	3	2	1	0	0	0	1	1	2	2	2	2	2	1
6	2	2	2	1	1	1	1	1	2	2	1	0	1	****	****	****	1	1	1	1	1	2	2	2	1
7	2	2	2	1	1	1	1	1	2	2	1	0	1	****	****	****	1	1	1	1	1	2	2	2	1
8	2	2	1	1	1	1	1	****	1	1	1	1	1	0	0	1	2	3	3	4	4	4	4	3	2
9	3	2	****	****	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	1	1	****	****	****	****	****	****	****	****	****	****	DATA MISSING	1	1	2	2	2	2	3	2	3	3	3	****
11	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	1	1	2	2	2	2	2	2	1	1	1	2
12	****	****	****	****	****	****	****	****	****	****	****	2	3	3	4	4	4	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	2	2	1	1	2	2	2	1	1	1	1	1	1	****
14	0	0	0	0	0	0	0	****	1	2	1	1	1	1	2	0	1	1	1	1	1	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	2	2	2	1	2	2	2	2	2	3	3	3	2	****
16	1	1	****	****	****	****	****	****	****	****	****	1	2	2	3	3	2	2	1	1	2	2	2	2	1
17	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	1
18	2	2	2	2	1	1	1	****	1	1	1	2	1	1	1	1	2	2	1	1	1	2	2	2	1
19	2	2	1	1	0	1	2	****	****	****	****	1	1	3	2	2	2	2	2	2	2	2	2	1	2
20	1	1	****	****	****	****	****	****	****	****	****	****	2	2	1	1	1	2	2	3	2	3	3	3	****
21	3	3	2	1	1	0	0	****	****	****	****	****	1	1	2	2	2	2	2	2	2	1	1	1	2
22	1	1	0	0	1	1	1	****	****	****	****	****	1	1	1	2	2	2	2	2	1	1	1	1	****
23	1	1	1	0	0	0	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	3	3	3	4	4	3	3	3	4	4	4	****
25	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	4	4	3	3	3	4	4	4	4	****
26	2	2	2	1	1	1	1	****	2	5	4	3	2	3	3	3	3	4	4	4	2	2	4	4	2
27	4	3	3	3	2	3	3	****	4	5	4	3	2	3	3	3	3	4	4	4	5	****	****	****	3
28	2	2	2	1	1	2	3	****	4	2	3	3	4	3	2	2	4	4	5	6	8	7	7	6	****
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2

PERCENTAGE OF DATA VALID - 56

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN													UNITS - PARTS PER HUNDREDMILLION												
STATION - 471 UNIVERSITY WINDSOR OAMST													MONTH JUL 72												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	5	4	3	3	0.000	3	2	0	0.000	1	1	1	1	1	1	2	3	4	4	3	2	3
2	2	2	2	2	2	2	2	0.000	1	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
3	0	0	0	0	0	0	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0.000	0	1	2	2	2	2	2	3	3	2	2	3	3	3	3	3	2
5	3	3	2	2	2	2	2	0.000	3	3	2	2	2	2	3	2	2	2	2	2	4	5	5	4	3
6	5	5	4	4	4	5	5	0.000	7	8	4	4	3	1	1	0.000	2	1	1	2	2	3	3	3	4
7	3	2	2	3	3	3	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3	3	2	2	2	2	2	2	2	2	0.000
27	2	2	1	1	1	0.000	2	2	1	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1
29													- DATA MISSING -												
30													- DATA MISSING -												
31	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	1	1	2	2	0.000
MEAN	2	2	2	2	2	2	2	1	2	2	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2
PERCENTAGE OF DATA VALID -													27												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN										UNITS - PARTS PER HUNDREDMILLION																
STATION - 471 UNIVERSITY WINDSOR OAMST										MONTH AUG 72																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	1	1	0	1	1	1	0.000	0.000	0.000	1	1	1	1	2	1	1	2	3	2	3	2	3	2	
2	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
4	1	1	0	0	0	0	0	0	0.000	0.000	1	1	1	1	1	1	1	1	1	2	2	2	2	2	0.000	
5	1	1	1	1	1	1	1	1	0.000	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	
6	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0.000	1	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.000	
10	1	1	1	0	0	0	0	1	0.000	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	
11	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	1	2	0.000	3	2	3	4	3	2	2	2	2	1	2	2	
12	2	3	3	3	3	2	2	2	0.000	4	4	5	4	4	2	1	2	5	4	3	3	3	3	3	3	
13	2	2	2	2	2	2	2	3	0.000	2	1	2	1	0	0	0	1	0	0	0	0	0	0	0	1	
14	0	0	0	1	1	0	0	1	0.000	5	5	6	6	6	3	2	2	2	3	3	2	1	1	1	2	
15	1	1	1	0	0	1	1	1	0.000	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	
16	1	1	1	1	1	2	4	4	0.000	2	2	3	3	3	2	2	2	1	3	5	5	5	4	3	3	
17	3	3	2	2	2	2	2	2	0.000	5	5	5	4	4	4	5	5	3	4	6	8	4	3	3	4	
18	4	3	3	2	2	2	2	1	1	0.000	0.000	3	5	6	3	2	3	3	5	3	3	2	2	2	3	
19	2	1	1	1	2	2	2	2	0.000	4	5	5	6	4	5	3	2	1	1	3	4	4	3	3	3	
20	3	3	3	2	2	2	2	1	0.000	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
21	0	1	1	0	0	1	1	1	0.000	0.000	0.000	3	3	3	3	3	1	1	1	2	3	3	2	2	2	
22	1	1	1	1	1	1	2	3	0.000	3	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2	
23	2	3	3	3	3	2	2	2	0.000	3	3	3	3	3	2	2	2	1	1	4	3	4	2	4	3	
24	2	2	2	2	2	3	3	3	0.000	4	4	4	4	3	2	1	3	5	5	4	3	2	3	3	3	
25	3	2	2	2	2	2	2	1	0.000	6	7	8	7	8	7	0	3	2	1	2	3	4	4	3	3	
26	3	1	1	0	0	1	1	1	0.000	1	1	0	0	0	0	1	1	1	1	2	3	3	1	1	1	
27	1	1	1	0	0	0	0	0	0.000	0	0	0	0	0	1	2	2	2	3	3	3	3	3	3	1	
28	3	2	2	2	2	2	2	3	0.000	7	6	4	3	3	3	3	3	3	3	6	6	6	4	4	4	
29	3	3	3	3	3	3	3	4	0.000	5	6	5	4	3	3	3	3	3	3	6	6	6	4	4	4	
30	5	4	3	3	2	2	3	5	0.000	4	5	4	2	2	1	2	1	2	2	4	4	5	4	3	3	
31	2	2	2	2	2	3	2	3	0.000	0.000	0.000	2	2	2	1	1	2	2	3	6	8	8	6	5	3	
MEAN	2	2	2	1	1	1	1	2	1	3	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	
PERCENTAGE OF DATA VALID -		86																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	3	2	3	5	3	3	0000	12	6	4	4	4	3	2	1	2	2	3	6	6	6	5	4
2	2	2	1	1	1	1	1	1	1	2	3	4	4	4	4	4	3	3	2	2	2	2	2	2	2
3	2	3	2	2	2	1	1	1	0000	1	1	1	1	1	1	1	1	1	1	2	2	4	4	5	2
4	2	2	1	1	1	1	1	1	0000	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	5	5	4	3	2	2	2	3	0000	6	3	3	1	2	1	2	2	2	2	2	2	2	2	2	2
6	2	1	1	1	0	0	0	0000	5	5	3	4	3	2	2	3	5	5	5	6	5	5	4	3	
7	3	2	2	1	1	1	3	0000	0000	5	5	4	3	2	2	3	5	4	4	4	4	3	3	2	
8	3	4	3	1	1	1	2	2	4	3	3	3	0000	3	4	4	4	4	4	4	3	3	2	2	
9	2	3	2	3	2	2	2	0000	2	1	1	1	1	1	1	1	1	1	1	1	0	2	2	2	
10	2	2	1	1	1	1	1	0000	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
11	1	0	1	1	0	1	1	1	4	5	5	6	5	6	5	3	4	4	4	4	4	4	3	3	
12	2	1	0	0	1	1	1	0000	3	3	4	3	4	7	8	6	5	4	4	5	5	5	4	4	
13	3	3	2	2	2	3	3	4	4	5	5	4	4	3	3	4	5	7	7	7	7	7	6	6	
14	6	6	5	4	3	4	4	4	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
15																									
16																									
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26																									
27																									
28																									
29																									
30																									
MEAN	3	3	2	2	1	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	4	3	3	

PERCENTAGE OF DATA VALID - 42

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2	3	5
FEB	22	2	4	8
MAR	31	2	3	6
APR	29	3	6	10
MAY	28	2	4	9
JUN	25	2	3	8
JUL	11	2	4	8
AUG	31	2	4	8
SEP	14	3	4	12
YEAR	220	2	6	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	250	371	10	0	0	0	0	631
FEB	174	218	42	1	0	0	0	435
MAR	345	260	37	0	0	0	0	642
APR	67	269	260	25	0	0	0	621
MAY	200	261	119	6	0	0	0	586
JUN	187	187	32	3	0	0	0	409
JUL	98	83	20	2	0	0	0	203
AUG	299	254	85	7	0	0	0	645
SEP	90	125	85	7	1	0	0	308
YEAR	1710	2028	690	51	1	0	0	4480

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
68	0	0.3	0.8	1.4	2.2	3.8	4.7	5.6	6.2	12	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES - SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	***	2	2	2	2	2	2	3	3	3	2	3	3	3	3	3	3	2
2	3	3	3	3	3	3	***	***	***	***	***	***	***	1	2	2	2	3	3	3	3	3	3	3	***
3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	3	2	2	2	2	2	2	3	***	***	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
5	1	1	1	1	1	1	1	3	***	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2
6	3	3	3	3	3	3	3	3	***	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
7	3	2	2	2	2	2	2	2	***	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2
8	2	2	2	2	2	2	2	3	***	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	2
9	1	1	2	2	2	2	2	3	***	3	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2
10	2	2	2	2	2	2	2	2	***	***	***	***	3	3	2	1	1	1	1	2	2	2	2	2	2
11	2	1	1	1	0	0	0	1	***	2	2	2	2	3	3	4	4	4	3	3	3	4	3	3	2
12	1	1	2	1	1	1	1	1	***	1	1	1	1	1	1	2	2	2	1	1	2	1	1	1	1
13	2	2	2	3	3	3	3	2	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	***	3	3	3	4	3	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	***	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
16	***	0	0	0	0	0	0	0	***	0	0	1	1	1	1	1	2	2	2	2	2	1	1	1	1
17	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	***	***	***	***	***	***	***	***	***	0	0	***	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	2	2	1	2
21	1	1	1	1	1	1	0	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	***	***	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	0	1	1	1	1	2	***	***	***	***	1	1	1	1	1	1	1	1	2	2	2	1	1
25	1	0	0	0	0	0	0	0	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
27	1	1	1	1	1	1	1	1	***	3	3	3	2	2	2	3	3	3	4	4	5	4	4	4	2
28	3	3	3	3	3	3	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	***	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
31	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	4	4	4	3	4	4	3	***
MEAN	2	1	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

- DATA MISSING -

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES - SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	1	1	1	2	***	***	1	1	1	1	2	2	2	2	1	1	0	0	0	0	1
2	1	0	0	0	0	1	1	1	1	1	0	0	0	3	3	3	3	2	2	2	2	0	0	0	1
3	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	1	1	0	0	2
4	0	0	0	0	0	0	0	0	***	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
5	1	1	1	1	1	1	1	1	***	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	1	1	1	1	1	2	***	***	***	0	1	2	1	1	2	2	3	3	2	2	3	2	1
7	1	0	1	1	1	1	1	2	***	***	***	2	1	2	2	2	2	2	3	3	2	2	2	3	2
8	2	3	3	3	3	3	2	2	***	3	3	2	1	1	1	1	1	1	2	3	2	2	2	1	2
9	3	3	3	3	3	3	2	2	***	4	2	2	1	1	1	1	1	1	2	3	2	2	2	1	2
10	1	1	1	1	2	2	2	2	***	***	***	0	0	0	1	1	1	1	1	1	1	1	1	1	1
11	2	3	4	3	3	3	2	2	3	3	0	0	0	***	2	2	2	3	3	3	4	4	4	4	3
12	3	4	4	5	5	5	4	4	***	3	3	3	2	2	2	3	3	2	2	3	2	3	3	4	3
13	3	3	3	3	3	3	3	2	***	1	1	1	1	1	1	1	1	1	2	2	1	1	0	1	2
14	1	0	1	1	1	1	1	1	***	***	***	4	4	4	4	3	***	***	***	***	3	4	4	5	2
15	3	2	2	2	3	2	3	3	***	***	1	2	1	2	2	1	1	2	1	1	1	2	1	1	2
16	1	1	1	1	1	1	1	1	***	***	1	1	1	2	3	3	2	2	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	***	1	1	2	2	2	2	1	1	2	2	2	2	2	3	2	2
18	2	2	1	1	1	1	1	1	***	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2
19	2	2	1	1	1	1	0	0	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	0	0	0	0	***	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	2	3	3	***	***	***	***	4	4	3	3	2	3	2	2	1	1	0	0	2
22	0	0	0	0	0	0	1	1	***	***	***	***	0	0	0	***	0	0	0	0	1	1	1	1	1
23	0	0	0	0	0	0	0	0	***	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
24	3	2	2	2	2	2	1	1	***	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	3	2	2	3	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	2	2	1	1	1	1	1	***	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
27	3	3	3	3	3	3	3	3	***	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	1	1	1	1	1	1	1	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	3	3	3	3	3	3	2	2	***	***	***	1	2	2	2	2	2	2	2	2	2	2	2	2	2
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
31	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	2	2	2	1	2	2	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	1	1	0.000
2	0	0	0	0	0	0	0	0	0.000	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	1
3	1	1	1	1	1	1	1	2	0.000	0.000	1	1	1	1	1	1	2	2	1	1	1	2	2	1	1
4	2	2	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
5	1	1	1	0	1	1	1	1	0	0	0.000	0	0	0	0	0	1	1	1	2	2	2	1	2	1
6	1	1	1	1	1	1	1	1	1	0.000	0.000	0.000	3	6	3	2	2	1	1	1	1	2	2	1	2
7	1	2	3	3	3	3	3	3	3	0.000	3	3	3	2	1	1	1	1	1	0	0	0	0	0	2
8	0	1	0	0	0	0	0	0	0.000	0.000	0.000	1	1	1	1	1	1	1	1	2	2	1	1	1	1
9	1	1	2	1	2	1	1	2	3	3	3	4	4	3	2	2	3	3	3	3	3	3	4	4	3
10	3	3	2	1	1	1	1	1	0.000	2	2	2	2	2	2	1	2	3	3	3	3	4	2	1	0.000
11	1	0	0	0	1	1	1	1	0.000	2	3	3	3	3	3	5	5	4	4	5	5	4	3	4	3
12	4	0	2	2	2	1	2	2	0.000	1	2	1	1	1	1	1	1	1	1	5	1	1	1	1	2
13	1	1	1	1	1	1	1	2	0.000	1	1	1	1	1	1	2	0.000	0.000	1	1	0	0	0	0	1
14	0	0	0	0	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	2	2	2	2	2	2	1	1
15	1	1	1	1	1	1	1	1	0.000	1	1	1	2	3	3	3	4	4	3	3	3	2	1	2	2
16	1	1	1	1	2	2	2	2	0.000	0.000	3	3	3	3	3	4	4	3	4	3	3	4	4	4	3
17	4	4	3	2	2	2	2	1	0.000	2	2	2	2	2	2	3	3	3	3	3	3	3	3	1	2
18	1	1	1	0	1	1	1	1	0.000	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	1
19	2	2	2	2	1	1	2	1	1	1	1	2	2	1	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	3	4	3	3	2	1	0.000
21	1	1	2	2	2	3	1	2	3	0.000	0.000	2	3	4	3	3	3	2	2	1	1	1	3	2	2
22	3	4	4	3	1	1	0	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	0	0	0	0	0	1	1	1	0.000	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	0	0	0	0	1	1	1	0.000	2	2	2	2	3	3	3	3	2	2	2	3	3	4	2
25	4	4	4	3	3	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3
26	4	3	3	3	3	3	3	3	2	0.000	1	1	1	1	1	2	1	2	2	3	4	5	4	3	3
27	3	3	3	2	1	1	2	3	3	0.000	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2
28	2	2	1	1	2	2	2	2	2	0.000	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2
29	2	1	1	1	1	1	2	2	2	0.000	1	1	1	1	1	1	2	4	3	1	1	3	3	3	2
30	2	1	1	1	1	1	1	1	2	0.000	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1
31	2	3	3	2	2	2	2	2	2	0.000	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1
MEAN	2	2	2	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	1	1	1	1	0.000	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1
2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1
3	2	1	1	1	1	1	1	1	1	0.000	1	2	2	2	2	2	3	3	3	2	1	1	1	1	2
4	1	1	2	1	1	0	0	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1
5	3	2	2	2	1	1	1	1	1	0.000	2	2	2	2	2	2	2	2	2	3	3	3	2	3	2
6	2	1	2	1	1	1	1	2	2	0.000	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	0.000	2	2	2	2	2	2	2	2	1
8	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
9	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	1
10	2	2	2	2	2	2	2	2	2	0.000	0.000	1	2	3	3	2	4	3	3	1	0	0	1	1	2
11	2	2	1	2	1	0	0	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	0.000
12	1	0	1	0	0	0	0	1	2	0.000	2	2	2	2	2	2	2	2	0.000	3	3	4	1	1	1
13	0	0	1	1	1	1	2	2	1	1	1	3	3	3	2	2	1	2	2	2	2	1	1	1	2
14	1	0	0	0	1	1	1	1	2	0.000	2	3	2	2	2	3	3	4	2	2	1	1	1	1	2
15	1	1	1	1	1	1	1	2	2	0.000	4	3	3	2	3	3	3	3	2	4	4	4	7	10	3
16	8	6	5	5	3	2	2	1	1	0.000	1	1	0	0	1	2	2	2	2	2	1	1	1	1	2
17	1	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5	5	4	4	4	5	4	4	3	5	5	3	3	0.000
19	1	1	1	1	1	1	1	1	2	0.000	4	4	2	2	2	2	3	2	2	1	1	1	2	2	2
20	1	1	1	1	1	1	1	2	2	2	0.000	2	2	2	1	2	2	2	2	1	2	3	3	2	2
21	3	3	2	2	2	2	3	3	2	2	0.000	0.000	0.000	0.000	1	1	1	2	2	2	2	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	3	4	3	1	2	3	4	3	2	2
23	3	3	3	4	4	3	3	2	1	1	0.000	1	1	1	1	1	1	1	1	1	2	2	4	3	2
24	3	3	3	2	2	2	1	2	3	0.000	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2
25	2	2	1	1	1	1	1	1	1	0.000	0.000	1	1	1	1	1	2	2	2	3	4	4	3	3	2
26	4	4	3	3	4	3	3	5	5	0.000	2	2	2	2	2	2	2	2	1	2	3	4	5	5	3
27	2	2	1	1	1	1	2	3	0.000	2	2	2	2	2	2	2	2	3	2	3	4	5	5	5	5
28	5	5	5	5	6	5	6	7	12	0.000	3	3	2	3	2	3	6	7	7	7	6	5	5	5	5
29	4	4	4	5	5	3	3	3	3	0.000	2	1	1	1	1	3	4	2	1	3	5	5	3	1	3
30	1	1	1	1	1	2	2	2	2	0.000	1	1	1	1	2	3	4	3	3	2	2	1	1	1	2
MEAN	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	0	2	1	1	1	1	1	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	4	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	1	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	7	6	5	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	4	2	3	4	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	4	4	4	3	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	0	1	2	2	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	4	3	2	2	2	1	1	2	4	4	3	5	4	3	4	4	2	3
2	3	2	2	2	4	3	3	3	3	2	2	2	3	4	3	2	2	2	2	2	4	4	2	2	3
3	3	5	6	4	4	2	2	3	3	4	5	5	5	5	6	4	4	3	5	8	5	5	7	5	5
4	4	5	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
5	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	1	2	2	1
11	2	2	2	1	2	2	1	2	2	2	1	1	0	0	0	1	0	2	2	3	2	4	3	1	2
12	1	1	0	2	2	2	2	4	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	2
13	1	1	0	0	0	1	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	3	3	1	2
14	0	0	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16																									
17																									
18																									
19																									
20																									
21																									
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	1
24	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
25	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	3	3	3	3	3	2	3	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28																									
29																									
30																									
MEAN	2	2	2	1	1	1	1	2	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	6	5	5	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	4	2	2	2	1	1	1	1	0	1	1	1	1	2	2	3	2	1	2	3	5	5	5	4	4
17	3	4	4	3	4	5	6	6	0	3	3	3	2	2	1	1	3	1	1	3	2	2	3	4	2
18	0	1	1	4	2	2	3	2	3	6	5	2	1	2	1	2	3	3	4	2	2	2	2	0	3
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	1	1	1	2	3	6	6	7	4	3	3	3	3	3	4	6	4	5	3	7	10	2	5	3
21	6	4	4	4	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	4	3	3	3	3
22	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	3	2
24	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1
25	2	2	2	1	1	0	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	1
27	2	1	0	0	0	0	2	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	3	4	2
28	3	3	3	3	2	3	4	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	3
29	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	4	2
30	3	4	4	3	3	4	4	3	0	1	0	0	0	0	0	0	0	0	1	2	2	4	5	5	2
31	1	2	4	2	2	2	4	5	4	4	4	3	3	3	3	3	4	4	5	7	10	9	6	4	4
MEAN	2	2	2	2	2	3	3	4	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 55

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	3	2	3	4	5	4	3	3	4	4	3	3	2	2	4	4	5	2	3	3	2	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	0	0	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	2	1	2	2	1	0	1	2	2
6	1	0	1	2	2	2	2	2	3	2	2	1	1	1	1	1	0	0	1	1	0	2	2	2	1
7	2	2	2	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	2	1
8	1	2	1	1	1	2	3	3	1	1	1	1	2	2	2	2	2	2	1	0	0	2	2	2	1
9	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	3	2	2	2	1
11	3	3	3	2	0	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12																									
13																									
14																									
15	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1
16	3	1	1	1	1	1	2	2	2	2	2	2	5	5	5	6	6	5	5	4	2	4	4	4	3
17	2	4	4	4	2	2	3	2	2	5	5	3	3	2	4	2	2	3	2	1	1	1	1	2	3
18	4	4	3	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	2
19	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	4	4	2
20	2	2	2	1	1	2	2	1	2	1	1	1	2	1	1	0	0	1	2	2	3	3	4	2	2
21	2	2	2	2	1	1	3	4	4	5	5	5	5	4	5	6	5	7	4	3	3	4	3	0	3
22	2	3	2	2	1	1	1	1	1	1	1	1	4	4	4	7	7	1	1	2	2	1	2	2	2
23	1	3	1	1	1	2	2	4	4	4	4	4	5	5	5	5	6	3	3	3	2	1	0	0	3
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	1	1	0	1	0	1	1	0	1	1	0	0	0	0	0	1	1	1	2	3	2	1	1	1
27	3	3	2	1	2	2	2	2	1	1	1	1	1	1	1	0	0	0	0	1	1	2	3	2	1
28	0	0	0	1	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	4	2	1	1
29	2	2	1	1	0	0	0	0	1	1	1	2	2	2	2	2	2	1	1	1	1	4	2	4	2
30	3	3	3	3	2	2	4	7	6	7	6	5	4	4	4	5	5	5	5	4	4	3	4	4	2
31	1	1	1	2	1	2	2	2	2	4	2	2	4	4	1	1	0	0	1	1	1	1	1	1	2
MEAN	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	2	2	2	***	***	***	2	2	2	2	2	3	4	4	3	3	1	1	0	2
2	0	0	0	0	0	0	0	0	***	***	***	0	0	1	1	1	1	***	***	***	***	***	***	***	0
3	0	0	0	0	0	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0	1	1	0
4	0	0	0	0	0	0	0	0	***	***	***	0	0	0	0	0	1	0	0	2	2	2	2	2	0
5	1	1	1	1	1	1	***	2	2	1	1	2	2	1	2	2	2	1	2	4	3	2	2	2	2
6	2	2	3	3	4	4	4	4	4	4	4	5	5	5	5	6	6	6	6	1	1	1	1	1	3
7	1	2	2	3	3	3	3	4	5	5	6	6	6	6	6	6	5	5	4	4	4	3	2	4	4
8	2	2	1	1	0	0	2	2	***	2	2	2	2	1	2	2	2	2	2	1	1	1	0	1	1
9	0	0	0	0	***	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	2	2	1
10	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	2	2	0	0	1	1
11	0	0	0	0	0	1	2	2	***	5	4	4	5	5	4	5	5	4	4	5	3	3	3	4	3
12	3	4	4	3	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	1	2	2	2
13	1	1	0	0	0	1	1	***	2	2	1	1	1	1	1	1	1	2	2	2	2	3	3	3	1
14	2	1	1	0	0	1	1	1	0	1	1	1	2	2	2	2	2	2	2	3	4	3	3	2	2
15	2	2	2	2	3	4	5	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 44

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2	3	5
FEB	29	2	3	5
MAR	31	2	3	6
APR	30	2	5	12
MAY	31	2	3	8
JUN	22	2	5	8
JUL	20	2	4	10
AUG	29	2	4	7
SEP	15	2	4	6
YEAR	237	2	5	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	312	290	18	0	0	0	0	620
FEB	310	302	29	0	0	0	0	641
MAR	342	280	40	0	0	0	0	662
APR	294	286	59	7	1	0	0	647
MAY	362	277	53	5	0	0	0	697
JUN	279	148	32	3	0	0	0	462
JUL	141	192	70	9	0	0	0	412
AUG	275	254	86	5	0	0	0	620
SEP	166	105	52	0	0	0	0	323
YEAR	2481	2134	439	29	1	0	0	5084

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
77	0	0.2	0.6	1.0	1.8	2.9	3.8	4.7	5.5	12	1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	9	8	10	8	5	6	10	10	10	11	12	****	5	4	4	5	10	7	6	5	****	7	6	8
2	5	6	9	6	4	5	4	4	5	5	5	4	****	4	3	3	2	****	2	2	3	5	4	4	4
3	4	4	4	4	3	****	3	4	7	8	8	7	****	****	4	4	5	5	5	6	6	4	4	7	5
4	6	4	2	2	1	2	2	2	3	4	4	4	****	3	4	5	5	4	3	4	2	2	2	2	3
5	2	2	1	1	1	1	1	****	****	4	3	2	****	****	1	2	5	10	19	19	17	16	18	12	7
6	6	3	3	3	****	****	****	****	****	****	****	****	****	****	4	4	5	6	5	4	****	****	****	4	****
7	3	3	2	2	2	2	2	3	4	3	4	3	****	2	2	2	3	2	2	2	2	2	2	2	2
8	2	2	2	1	****	****	4	5	7	10	8	6	****	****	4	3	4	6	7	7	5	4	4	3	5
9	5	5	4	5	3	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	3	3	3	3	3	3	3	5	7	6	4	5	****	4	5	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	4	****	5	8	6	6	8	7	7	8	7	6	****	****
12	****	****	****	****	****	****	4	7	12	12	10	6	****	3	3	4	4	5	****	5	4	4	4	5	6
13	****	****	****	****	****	****	5	4	7	8	5	****	****	2	2	2	2	2	2	2	2	2	1	2	3
14	2	2	3	2	2	2	2	2	5	7	5	5	****	4	3	****	****	4	4	3	2	1	1	1	3
15	1	1	1	1	1	1	0	0	1	0	1	1	****	1	1	1	1	1	2	2	1	1	0	0	1
16	0	0	0	0	0	0	0	0	1	1	1	1	****	2	2	2	2	2	1	1	1	****	****	****	1
17	****	****	****	****	****	****	4	4	4	4	3	****	****	3	4	4	4	4	3	5	3	3	4	4	4
18	2	3	3	2	2	2	2	3	3	3	3	4	****	4	4	5	5	5	4	4	3	3	3	2	3
19	3	3	3	3	3	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	1	1	2	2	2	2	2	2	3	3	3	2	****	2	2	2	2	3	3	4	4	4	3	4	3
27	4	3	2	2	1	1	2	3	4	5	4	3	****	2	2	2	3	****	2	4	4	4	2	3	3
28	2	2	2	2	2	2	2	3	4	4	4	3	****	3	3	4	4	3	3	3	3	3	2	3	3
29	2	2	2	2	2	3	3	3	4	5	4	3	****	4	3	3	3	6	6	6	4	4	3	5	4
30	3	3	3	3	2	2	2	2	1	1	2	1	****	2	2	1	1	1	2	2	2	2	2	2	2
31	2	2	1	1	1	1	2	3	4	5	4	3	****	3	4	4	4	4	4	8	7	8	11	17	4
MEAN	3	3	3	3	2	2	3	3	5	5	5	4	****	3	3	3	4	5	4	5	4	4	4	4	4

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	7	6	5	3	3	4	3	4	3	3	3	****	3	4	3	4	4	4	4	3	3	3	3	4
2	2	1	1	2	2	2	2	2	3	3	4	3	****	4	4	3	4	5	6	6	5	4	3	4	3
3	3	3	3	4	2	4	4	5	5	5	5	7	****	****	****	****	6	6	6	5	4	3	2	4	3
4	1	0	1	1	1	1	1	1	1	1	1	1	****	1	1	2	2	2	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	****	2	2	2	3	5	4	4	3	3	3	3	2
6	3	2	2	1	1	1	1	1	1	1	2	1	****	1	2	2	2	2	1	1	1	1	1	1	1
7	1	0	0	0	0	0	1	2	3	3	2	1	****	1	1	1	1	2	2	2	3	2	2	2	1
8	2	2	2	2	2	1	1	2	3	2	2	****	****	2	2	2	2	4	5	4	4	5	6	3	3
9	6	6	6	6	8	9	9	8	9	7	5	3	****	1	1	1	1	2	2	3	4	4	4	3	5
10	2	2	2	2	2	1	2	2	5	6	5	4	****	****	2	2	2	2	3	2	3	4	5	6	3
11	7	15	15	14	9	7	6	6	8	11	10	6	****	2	2	2	2	2	3	3	3	2	1	6	6
12	1	1	3	4	4	4	5	5	5	5	5	****	****	5	5	4	4	5	5	7	8	9	5	5	
13	6	5	3	3	3	3	3	2	3	3	4	3	****	2	2	2	1	1	0	0	0	0	0	0	2
14	0	0	0	0	1	1	1	1	2	2	2	2	****	2	2	2	3	4	3	4	3	3	4	2	2
15	3	3	2	2	2	2	1	2	2	4	3	2	****	1	1	1	1	2	2	2	2	2	1	1	2
16	1	1	0	0	0	0	0	1	2	1	1	1	****	****	****	****	****	****	3	3	3	5	7	2	2
17	5	4	3	1	0	2	2	2	3	3	2	2	****	2	2	2	2	2	1	2	2	2	2	2	2
18	2	2	2	1	1	2	2	2	3	3	3	4	****	4	4	3	4	5	7	4	4	5	4	3	3
19	3	3	4	4	3	2	2	2	1	1	1	1	****	1	1	1	1	****	****	1	1	1	1	1	2
20	1	0	0	0	0	0	1	1	1	0	0	1	****	0	1	1	1	1	1	1	1	2	2	3	1
21	2	2	2	2	2	2	3	4	5	5	4	5	****	5	6	7	9	****	3	4	4	2	1	1	4
22	1	0	1	1	0	0	1	1	1	1	1	1	****	1	1	1	1	2	2	2	2	3	4	1	1
23	3	2	2	1	0	0	1	1	2	2	2	****	****	2	2	2	2	2	2	2	2	2	2	2	2
24	5	4	3	4	3	3	3	3	3	3	3	2	****	2	2	3	2	2	2	2	3	3	3	3	3
25	2	3	2	2	2	1	2	3	3	3	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	1	2	3	2	2	2	2	****	1	1	2	2	2	2	2	2	2	2	2	2
27	7	4	3	3	2	3	3	3	2	2	2	2	****	2	2	2	2	4	4	4	5	5	5	5	3
28	2	1	1	0	0	0	1	2	2	2	2	4	****	4	4	4	4	5	5	5	5	5	5	5	3
29	7	4	4	2	2	2	1	2	2	2	2	2	****	3	3	4	4	5	4	4	5	5	2	2	3
MEAN	3	3	3	2	2	2	2	2	3	3	3	3	****	2	2	2	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	3	2	3	7	9	10	12	12	0.000	8	10	8	7	5	3	3	2	2	3	2	5
2	1	2	2	1	1	1	0	0	1	1	7	0.000	0.000	1	1	1	2	2	0.000	0.000	2	2	2	1	2
3	1	1	1	1	1	0.000	0.000	0	1	1	1	0	0.000	1	1	1	1	1	1	1	1	1	1	1	2
4	2	3	0.000	1	1	1	1	1	1	1	1	0.000	2	2	0.000	2	2	2	0.000	0.000	2	2	2	2	2
5	1	1	2	2	1	1	1	2	2	1	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	1	0	1
6	0	0	0	1	1	0.000	0.000	0.000	1	1	1	1	0.000	0.000	0.000	2	2	1	2	2	0.000	0.000	1	1	1
7	1	1	1	1	2	1	0	1	2	1	1	1	0.000	2	2	2	2	0.000	0.000	1	2	2	2	1	1
8	1	1	0	0	0	0	0.000	0.000	0	1	1	1	0.000	0.000	1	1	1	2	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	2	3	2	2	1	0.000	2	1	2	2	2	3	3	3	3	4	6	2
10	5	4	4	4	4	5	4	4	3	2	1	1	0.000	1	1	1	1	2	2	2	3	3	2	2	3
11	2	1	1	1	1	1	1	1	2	2	2	1	0.000	2	2	3	3	4	4	4	5	6	5	5	3
12	5	4	5	4	3	2	2	3	2	2	2	2	0.000	1	1	1	1	1	1	1	2	2	2	2	2
13	1	1	1	0	0	0	0	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	0	1	1	1
14	0	0	0	0	0	1	1	1	2	2	2	2	0.000	3	3	2	2	2	2	2	2	2	1	2	1
15	1	1	1	1	1	1	1	1	2	2	2	1	0.000	2	2	0.000	3	3	3	3	2	2	2	2	2
16	2	1	1	1	1	2	2	2	2	3	3	2	0.000	0.000	0.000	0.000	0.000	4	4	3	2	3	3	3	2
17	3	2	2	2	1	0.000	0.000	6	6	7	6	0.000	0.000	6	6	7	7	7	0.000	7	7	6	5	5	5
18	5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	2	2	2	1	1	1	1	2	2	2	3	2	0.000	2	2	2	2	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 48

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	1	1	2	2	2	1	1	0.000	
12	1	1	0	0	1	1	1	1	2	2	1	1	0.000	0	0	0	0	1	1	1	2	1	1	2	1
13	1	0	0	0	0	0	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	0	0	0	0	1
14	0	0	0	0	0	0	1	1	1	1	1	1	0.000	1	1	1	1	1	2	2	2	2	2	2	1
15	2	4	5	4	2	2	2	0	2	2	2	2	0.000	2	2	2	2	2	1	2	2	2	2	3	2
16	1	1	0	0	0	0	0	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	0	0	0	0	0	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1
18	4	3	2	2	2	2	3	4	4	3	3	0.000	3	2	1	2	2	2	2	2	2	3	3	3	3
19	3	3	3	3	3	3	3	3	4	4	4	3	2	2	2	2	3	3	2	2	2	2	2	2	2
20	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
21	3	2	2	3	3	3	3	3	4	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2
22	1	1	1	1	1	1	1	1	1	2	2	2	0.000	3	3	3	4	4	3	3	3	4	3	3	2
23	2	2	1	1	1	1	2	1	1	1	1	1	0.000	1	1	1	1	0	1	0	1	1	1	1	1
24	1	1	2	1	0	1	0	0	0	0	0	0	0.000	0	0	0	0	0	0	0	0	0	0	1	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1
26	1	1	1	1	2	2	2	2	2	1	1	1	0.000	1	1	1	1	1	1	1	2	2	2	2	1
27	3	2	2	1	1	1	1	1	1	1	1	1	0.000	0	0	0	1	1	1	1	2	0.000	0.000	0.000	0.000
28																									
29	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	1	1	1	1	1	2	1	1	0	1	2	2	2	3	3	3	2
30	2	2	2	2	1	1	1	1	1	1	2	1	0.000	1	1	1	1	1	1	1	2	2	2	3	1
MEAN	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	2	2	1	3	3	4	4	2	2	****	1	1	1	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	1	2	2	2	3	1	****	****	****	3	3	4	4	4	3	3	3	3	3	2
3	2	2	1	1	2	3	3	3	3	3	3	2	1	1	2	2	2	2	2	2	3	3	3	3	2
4	2	3	2	2	2	2	2	2	2	2	2	1	****	1	2	2	3	3	2	2	2	2	2	2	2
5	1	1	1	1	1	1	2	3	4	3	2	1	****	1	1	1	1	1	1	1	1	1	1	1	2
6	2	1	1	1	1	1	2	2	4	4	3	4	****	3	0	2	1	0	2	2	2	2	2	2	0
7	1	1	1	1	1	1	1	1	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
8	0	2	2	2	1	2	3	3	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9													- DATA MISSING -												
10													- DATA MISSING -												
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	2	2	1	1	2	3	2	2	****
12	1	1	2	2	****	5	5	6	4	1	1	1	****	1	1	1	1	2	2	3	3	3	3	5	3
13	6	5	6	4	4	****	3	2	2	2	2	2	****	1	1	1	2	2	3	3	3	3	3	1	3
14	1	1	2	2	3	2	2	2	2	2	2	2	****	2	2	1	2	1	1	2	2	2	1	1	3
15	1	1	1	1	1	1	3	4	4	3	3	2	****	2	3	3	3	4	4	3	3	5	5	4	3
16	3	2	2	2	2	3	4	3	3	2	****	1	1	1	****	****	****	****	****	****	****	****	****	****	****
17													- DATA MISSING -												
18													- DATA MISSING -												
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	1	1	3	3	3	3	3	****
20	2	2	2	2	2	2	2	2	2	1	****	2	1	1	1	1	0	1	1	1	2	3	5	4	2
21	3	3	3	3	3	3	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	2	2	2	2
22	1	1	1	0	0	1	0	0	0	0	****	0	0	1	1	0	0	1	1	1	1	2	3	3	1
23	2	1	1	1	1	1	1	2	2	2	****	1	1	1	1	1	1	1	1	1	2	2	2	4	1
24	3	3	3	2	2	3	4	6	4	3	****	1	****	0	0	0	0	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	2	1	1	1	****	1	1	3	1	1	1	2	1	1	1	1	0	0	1
26	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	0	1	1	1	0
27	0	0	1	1	1	1	1	1	1	0	0	0	0	0	****	0	0	0	0	0	1	1	2	2	1
28	1	1	1	0	1	1	1	1	0	0	****	0	0	0	1	0	0	0	0	0	1	1	1	1	1
29	0	1	1	1	1	2	2	1	1	1	****	2	3	2	2	2	2	5	3	4	4	4	2	2	3
30	2	2	2	2	3	4	3	3	4	3	****	3	3	3	3	4	4	3	2	2	2	1	1	1	3
31	1	1	1	1	1	1	1	2	2	2	****	2	2	2	2	2	2	2	2	1	1	2	2	1	2
MEAN	2	1	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	2	2	2	1	****	1	1	1	1	1	2	2	3	3	3	4	5	5	2
2	4	2	2	3	2	3	4	5	6	3	****	2	2	4	4	5	6	6	6	6	6	7	14	14	5
3	5	4	3	3	3	3	3	3	3	3	****	3	5	4	4	5	6	4	6	6	6	7	14	14	5
4	12	10	7	5	3	3	3	2	2	2	****	2	2	1	1	1	1	1	1	1	1	1	2	2	3
5	4	4	2	2	2	2	3	4	4	3	****	2	2	1	1	1	1	2	3	3	3	4	5	5	2
6													- DATA MISSING -												
7													- DATA MISSING -												
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	2	2	3	3	3	3	3	2	****
9	1	1	1	1	1	1	1	2	2	2	****	2	2	2	2	2	3	3	3	3	2	2	2	2	2
10	1	1	1	1	1	1	1	2	2	2	****	1	2	2	2	2	2	2	2	2	2	3	3	3	2
11	3	4	4	6	5	3	3	3	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	5	4	5	5	4	5	7	6	3	****
16	2	1	1	1	2	2	3	4	3	3	****	2	3	3	3	4	5	5	5	5	5	4	4	3	3
17	3	3	3	2	2	3	4	3	2	2	****	1	1	1	1	1	1	1	2	2	2	3	8	8	3
18	6	4	3	2	2	2	2	2	2	1	****	1	1	1	1	1	1	1	2	2	3	4	4	4	2
19	3	3	3	3	4	5	7	11	14	11	****	4	3	4	3	4	5	5	7	6	5	5	6	3	5
20	3	2	2	2	4	4	5	6	5	6	****	2	1	0	****	2	2	2	2	2	2	2	2	3	3
21	3	3	3	3	2	2	2	2	3	2	****	3	3	2	3	3	3	3	2	2	2	2	2	2	2
22	2	1	1	1	1	1	2	2	2	2	****	1	1	1	1	1	0	2	2	2	2	2	1	1	3
23	0	0	0	0	0	0	0	0	0	0	****	4	3	4	4	4	3	4	5	5	5	5	5	4	3
24	4	3	3	3	3	3	3	4	4	5	****	5	5	5	5	5	5	5	5	5	5	5	5	5	4
25	5	4	3	3	3	3	3	3	3	4	****	4	4	4	4	4	4	4	4	4	4	4	4	4	5
26	4	4	4	4	4	5	5	6	6	6	****	5	5	5	5	5	6	6	6	6	6	6	6	6	7
27	10	10	9	7	7	8	9	7	5	****	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6
28	7	7	7	8	9	10	10	12	9	7	****	1	4	4	4	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	6	6	****	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	****	4	5	5	4	3	3	3	3	2	2	3	4	4	4
MEAN	4	3	3	3	3	3	4	4	4	4	5	3	3	3	3	3	3	3	4	4	4	4	5	5	4

PERCENTAGE OF DATA VALID - 75

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	2	2	2	2	0 0 0 0	0 0 0 0	1	1	1	1	1	2	3	5	3	10	5	2
2	5	5	3	3	3	2	2	1	1	1	1	0 0 0 0	0	1	0	0	0	0	0	1	3	1	1	1	2
3	0	0	0	0	0	0	0	0	0	0	0	0 0 0 0	0	1	1	1	1	1	2	2	2	2	5	4	1
4	4	2	2	1	1	0	3	3	1	1	1	0 0 0 0	1	2	2	3	3	3	3	1	1	2	2	2	2
5	2	2	2	1	0	3	5	2	3	2	1	0 0 0 0	0	0	0	0	1	2	2	2	2	3	8	14	2
6	6	5	3	2	3	5	1	5	3	3	2	1	0	0	0	0	1	2	5	5	5	5	6	6	5
7	7	6	8	12	8	10	14	12	8	5	2	1	2	2	2	2	1	2	4	4	3	4	5	5	4
8	4	4	2	2	3	3	2	3	2	2	2	1	1	2	2	1	2	2	3	3	2	3	5	5	5
9	4	4	3	2	2	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
11	2	2	2	3	2	3	5	5	5	3	2	0 0 0 0	0 0 0 0	0 0 0 0	1	2	2	2	2	2	2	2	2	2	2
12	2	1	1	1	1	1	2	2	2	2	1	0 0 0 0	2	1	1	2	2	2	2	3	2	2	2	2	2
13	2	2	1	1	2	2	3	4	3	3	2	0 0 0 0	2	2	2	2	2	2	2	3	2	2	2	2	2
14	2	2	2	2	1	2	3	3	3	3	3	0 0 0 0	2	3	2	2	2	2	2	4	4	4	3	3	2
15													DATA MISSING												2
16													DATA MISSING												2
17													DATA MISSING												2
18													DATA MISSING												2
19													DATA MISSING												2
20													DATA MISSING												2
21													DATA MISSING												2
22													DATA MISSING												2
23													DATA MISSING												2
24													DATA MISSING												2
25													DATA MISSING												2
26													DATA MISSING												2
27													DATA MISSING												2
28													DATA MISSING												2
29													DATA MISSING												2
30													DATA MISSING												2
31													DATA MISSING												2
MEAN	3	3	2	2	2	3	3	3	3	2	2	1	1	2	1	1	2	2	3	3	3	3	4	4	2

PERCENTAGE OF DATA VALID - 42

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
3	3	2	1	1	0	0	0	0	0	1	2	3	4	4	5	7	7	7	8	3	8	3	7	3	7
4	6	5	5	4	4	4	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
6	5	4	4	3	3	3	3	3	2	1	1	1	0	0	0	1	1	2	2	6	6	6	6	6	5
7	3	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	3	3	3	3	3
8													- DATA MISSING -												1
9													- DATA MISSING -												
10	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	2	1	1	1	1	2	3	3	4	4	5	4	4	4	3	3	3
11	3	3	2	2	2	2	2	1	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	4	3	3	2	2	2	2	2	1	1	1	1	2	2	3	3	4	4	4	5	5	5	4	4	3

PERCENTAGE OF DATA VALID - 15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	4	8	19
FEB	29	3	6	15
MAR	18	2	5	12
APR	19	1	3	5
MAY	27	2	3	6
JUN	26	4	7	14
JUL	14	2	5	14
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT	8	3	4	8
YEAR	167	3	8	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	62	217	158	37	7	6	0	487
FEB	175	310	129	27	1	4	0	646
MAR	173	136	33	14	2	0	0	358
APR	254	146	16	0	0	0	0	416
MAY	288	237	46	0	0	0	0	571
JUN	95	209	198	33	4	3	0	542
JUL	97	167	43	7	2	2	0	318
AUG	DATA MISSING							
SEP	DATA MISSING							
OCT	32	44	30	9	0	0	0	115
YEAR	1176	1466	653	127	16	15	0	3453

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
58	0	0.3	0.9	1.6	2.6	4.6	5.9	7.9	9.8	19	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10	5	10	8	6	5	5	6	7	8	6	5	4	6	3	4	3	1	3	4	6	7	6	5	6	5
11	9	7	7	7	8	9	9	9	5	6	4	4	4	3	3	3	3	4	7	7	4	5	4	6	6
12	8	8	6	6	6	4	5	6	7	7	8	4	2	8	8	6	7	8	8	10	8	9	9	8	7
13	9	7	5	6	6	6	6	6	6	7	8	4	2	3	3	5	5	5	5	5	4	3	4	4	5
14	3	3	2	1	1	2	2	4	5	5	4	4	4	4	5	4	5	5	7	8	7	8	8	7	5
15	8	7	6	6	7	7	5	6	4	4	6	7	7	8	8	8	10	10	8	9	14	15	14	11	8
16	10	10	10	9	7	7	8	7	7	10	10	10	8	6	8	10	14	9	6	3	4	7	4	1	8
17	1	3	4	5	3	3	3	5	4	3	3	2	2	2	2	2	2	3	2	3	4	5	3	4	3
18	7	6	5	6	6	5	5	7	7	8	10	5	3	4	4	4	4	5	5	5	5	6	7	6	5
19	5	3	2	2	3	3	4	7	8	8	8	8	7	7	8	7	6	6	5	4	3	3	3	3	5
20	5	5	5	5	6	6	6	5	6	6	5	4	6	3	4	3	1	3	4	6	7	6	5	6	5
21	7	7	6	6	6	5	5	6	4	4	5	5	6	6	6	5	5	6	6	6	7	6	6	6	6
22	6	5	6	6	6	6	4	3	5	4	5	5	5	6	6	7	7	5	6	7	7	6	6	5	6
23	4	4	3	3	3	2	1	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	2	2	2	2	2	2	2	4	3	3	3	3	5	4	4	4	5	5	5	4	3	3	3	3	3
25	2	2	2	2	2	2	2	4	3	3	3	3	5	4	4	4	5	5	5	4	3	3	3	3	3
26													- DATA MISSING -												
27													- DATA MISSING -												
28	7	7	6	6	6	7	5	8	6	3	2	2	1	1	1	1	2	3	4	7	6	5	5	5	4
29	5	5	6	8	1	1	1	6	6	5	3	2	2	2	2	2	11	11	7	7	7	7	7	7	4
30	8	8	8	8	7	7	7	7	7	7	9	8	5	4	4	5	11	11	7	7	8	11	12	12	8
MEAN	6	6	5	5	5	5	5	6	5	5	6	5	5	4	5	5	6	6	6	6	6	6	6	6	5

PERCENTAGE OF DATA VALID - 56

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	9	9	10	10	8	9	12	12	12	15	14	11	14	14	14	12	11	9	7	9	9	8	8	10
2	8	7	6	7	7	5	4	4	4	3	3	3	3	3	3	4	4	5	5	5	5	6	7	6	5
3	6	2	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10	5	10	8	6	5	5	6	7	8	6	5	4	6	3	4	3	1	3	4	6	7	6	5	6	5
11	6	5	4	2	1	2	2	7	6	5	4	3	2	1	2	1	1	1	1	1	3	4	5	5	3
12	3	1	4	2	3	5	5	7	5	4	3	2	2	2	2	3	3	3	4	5	5	5	5	5	4
13	5	6	6	5	5	5	5	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19	10	10	9	8	9	8	7	6	6	5	6	7	8	9	9	11	9	6	5	6	6	8	8	9	8
20	7	7	5	3	3	2	1	1	1	1	1	1	2	5	9	9	9	4	8	7	4	3	3	3	4
21	2	6	6	7	5	5	5	5	5	5	5	5	3	2	3	2	4	8	6	7	7	6	6	6	5
22	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	6	6	5	5	5	5	5	6	6	4	4	5	5	4	5	6	5	5	5	5	6	6	7	6	5

PERCENTAGE OF DATA VALID - 25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5	7	6	5	5	4	6			3	3	5	7	8	8	7	5	6	7	7	7	7	7	6	6	6
6	7	3	3	3	3	6			3	3	3	3	4	3	2	2	1	1	1	2	3	3	5	4	3
7	1	2	2	2	2	4			4	3	3	3	4	3	3	3	4	3	5	6	5	6	5	3	4
8	5	2	1	1	1	3			2	2	5	5	4	6	6	6	3	3	2	2	1	1	1	2	3
9	2	2	1	1	1	1			2	2	2	2	2	2	2	1	2	2	1	2	3	4	5	5	2
10																									
11	5	5	5	3	4	4	****		3	3	3	3	3	3	4	4	3	4	4	5	5	5	6	5	4
12	3	3	2	3	5	11	****		10	8	7	7	7	7	9	12	14	10	10	10	10	10	9	9	8
13	8	8	7	7	7	8	11	****	12	12	11	12	11	11	11	10	10	12	****	****	****	****	****	****	10
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	7	7	5	5	5	5	5	6	5	****
15	4	4	3	2	3	5	6	6	****	****	****	****	****	****	3	5	5	6	5	4	7	9	5	4	5
16	4	3	3	1	1	0	1	2	****	2	1	1	1	1	1	2	4	1	1	2	2	2	2	2	2
17	2	2	1	2	3	2	2	****	4	3	4	4	5	4	2	2	2	3	4	9	10	8	12	14	5
18	15	11	9	7	9	12	12	****	7	6	5	5	7	7	8	8	9	10	7	9	11	8	9	10	9
19	10	9	7	7	5	8	****		10	12	9	14	12	11	****	8	7	7	7	8	10	11	7	12	9
20	10	8	8	7	6	5	5	****	3	2	3	3	3	3	3	4	4	3	3	3	3	3	3	4	4
21	2	2	2	1	2	3	4	****	7	7	6	7	7	5	4	5	5	4	3	3	3	3	2	2	4
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	0	0	0	1	
23	0	0	0	0	1	2	5	****	5	6	7	7	9	9	10	8	7	6	6	7	4	5	8	6	5
24	5	4	4	6	7	7	6	****	4	5	4	4	4	6	4	3	4	3	6	9	9	7	6	5	5
25	5	4	4	4	4	3	3	****	1	2	4	7	6	9	8	8	7	5	6	6	7	7	7	8	5
26	8	7	7	6	6	7	8	****	3	4	3	3	9	9	7	7	8	6	5	5	5	8	8	7	6
27	5	5	5	4	4	4	5	****	6	6	4	3	2	1	2	3	4	3	3	4	4	4	5	7	4
28	5	5	4	4	4	4	4	****	14	15	15	14	9	9	9	9	7	6	7	7	8	10	12	9	8
29	6	10	8	8	8	8	8	****	7	8	8	8	7	9	****	****	11	8	7	8	9	9	9	10	8
30	8	6	6	8	10	11	11	8	10	11	11	10	11	11	15	12	18	14	7	8	9	9	8	8	10
MEAN	5	5	4	4	4	5	6	5	5	5	6	6	6	6	5	5	6	5	5	5	6	6	6	6	5

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	5	5	4	5	5	4	3	3	3	4	4	3	3	4	4	4	4	6	8	7	7	6	5
2	7	5	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	6	7	6	7	7	4
3	5	6	4	5	6	5	4	3	4	5	5	4	4	5	5	5	5	6	6	5	5	5	4	4	5
4	4	4	4	3	4	5	6	5	5	3	3	3	4	4	5	4	4	3	5	6	5	6	5	5	4
5	5	5	5	5	6	6	8	5	6	7	8	6	6	6	8	9	8	4	6	8	7	6	6	6	6
6	5	5	5	5	5	6	8	10	9	****	****	2	5	6	8	11	9	8	8	6	6	6	7	6	7
7	5	5	4	5	5	7	10	6	5	5	5	5	6	7	8	8	7	6	7	10	10	7	7	11	7
8	11	10	10	10	9	9	10	9	9	6	6	6	8	9	8	7	6	5	7	6	6	11	11	10	8
9	10	7	4	6	4	7	7	5	5	5	9	7	7	6	7	7	10	9	4	4	3	3	2	6	4
10	1	1	1	1	2	3	5	4	4	4	4	3	3	4	4	6	6	3	4	5	6	6	6	4	4
11	5	6	7	8	7	7	8	7	11	11	10	14	11	11	10	8	11	14	10	9	10	11	10	7	9
12	7	6	5	6	7	9	10	10	9	7	6	6	6	6	7	8	9	8	7	7	7	7	6	5	7
13	4	3	3	3	3	4	5	5	5	4	4	4	3	3	4	5	5	5	5	6	5	4	4	4	4
14	4	4	3	3	3	3	4	8	8	7	****	****	4	4	5	5	5	5	6	6	5	5	4	4	5
15	4	3	3	3	3	3	3	4	4	4	4	5	4	4	4	5	5	6	7	8	10	9	8	7	5
16	4	4	4	2	3	3	3	2	2	2	3	3	3	4	6	4	4	4	3	5	10	9	7	7	4
17	7	5	3	3	3	3	4	7	8	7	10	10	7	7	7	8	8	7	8	6	5	6	10	8	7
18	8	8	7	7	6	5	4	3	3	****	3	4	4	5	5	6	6	5	5	5	5	6	5	4	5
19	4	3	3	4	5	6	5	5	6	5	5	5	7	11	15	11	12	12	12	7	8	7	10	6	7
20	7	5	4	4	5	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	****	****	****	2	2	3	3	3	3	3	3	3	4	6	6	6	****
22	5	5	5	5	6	6	6	5	5	3	3	3	3	3	3	3	3	4	4	4	4	4	4	2	4
23	4	4	3	1	2	2	3	1	1	1	1	1	1	1	1	2	1	1	2	2	3	3	2	2	2
24	2	1	1	1	2	3	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	****	****	****	****	****	****	****	****	2	2	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2
26	2	2	1	1	1	3	****	3	3	1	1	1	1	1	2	2	3	3	4	5	4	3	3	2	2
27	2	3	3	2	2	3	2	2	3	4	4	4	2	2	1	2	2	2	3	4	3	2	2	2	2
28	4	4	3	2	3	6	****	4	2	2	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****
29																									
30																									
31																									
MEAN	5	5	4	4	4	5	6	5	5	4	4	4	4	5	5	6	6	5	5	6	6	6	6	5	5

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	2	2	2	2	2	4	5	5	4	5	4	4	4	4	4	9	8	7	8	8	9	8	6	2	4
4	1	1	1	1	1	2	3	4	4	3	2	2	3	4	4	5	5	5	6	7	8	7	5	5	4
5	6	6	6	5	5	4	4	6	6	4	4	3	3	3	3	3	3	3	3	4	4	5	5	5	4
6	5	6	4	3	2	1	3	3	3	4	3	4	4	6	5	4	4	5	6	7	6	6	6	5	4
7	5	4	4	2	1	2	5	5	4	4	5	4	3	3	6	6	7	3	3	2	3	4	3	1	4
8	1	1	1	1	2	4	4	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17	5	4	4	4	4	5	5	4	4	4	4	7	8	8	9	9	9	7	6	6	6	5	5	5	5
18	7	6	5	2	3	5	5	5	1	0	0	0	3	4	6	6	8	7	6	5	7	7	7	7	5
19	3	3	2	2	2	2	2	3	5	7	6	5	3	4	3	1	1	0	0	1	3	2	2	2	3
20	0	0	0	0	0	0	1	2	3	3	3	5	5	3	3	3	2	4	2	3	4	1	1	0	3
21	6	5	5	5	4	5	6	7	7	5	4	4	3	4	5	5	4	4	4	6	4	5	5	3	5
22	1	0	0	1	2	3	4	3	3	3	3	3	3	3	3	4	3	3	4	4	4	3	3	3	3
23	3	3	2	1	1	1	3		3	2	2	2	2	3	3	4	5	5	5	5					3
24	2	3	3	4										2	3	3	3	3	3	3	5	4	3	2	3
25	2	1	1	1	1	2	3		1			1	1	1	1	2	1	2	3	5	5	5	3	2	2
26	2	2	3	3	3	3	3		4	4	3	2	2	3	4	3	3	3	4	5	5	4	4	3	3
27	3	1	1	1	1	2	1		1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	0	1
28	1	1	1	0	1	1	1		1	1	1	1	2		3	4	4	3	4	4	4	4	3	3	2
29	3	3	2	1	1	3	5		4	3	2	2													
30																									
31																									
MEAN	3	3	2	2	2	3	4	4	3	3	3	3	3	3	4	4	4	4	4	5	5	4	4	3	3

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	4	4	3	2	1	2	3		2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1		0	0	0	0	0	0	0	0	2	4	3	3	3	3	4	4	1
4	4	4	3	3	2	2	3		3	3	1	1	1	2	1	2	3	4	4	4	5	6	6	6	3
5	5	5	5	5	5	6	7		7	5	4	4	4												
6																									
7																									
8																									
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26																									
27																									
28																									
29																									
30																									
MEAN	4	4	3	3	2	3	4		3	3	2	2	2	2	2	2	3	4	3	3	3	4	4	4	3

PERCENTAGE OF DATA VALID - 13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	20	5	8	15
MAY	12	5	10	15
JUN	26	5	10	18
JUL	28	5	9	15
AUG	21	3	5	9
SEP	5	3	3	7
YEAR	112	5	10	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR	13	81	187	119	6	4	0	410
MAY	19	45	66	52	6	4	0	192
JUN	62	133	167	156	30	11	0	559
JUL	31	148	274	128	16	3	0	600
AUG	79	158	161	33	0	0	0	431
SEP	33	23	38	2	0	0	0	96
YEAR	237	588	893	490	58	22	0	2288

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
52	0	1.0	2.6	4.0	5.5	8.0	9.5	10.9	12.0	18	4.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4	4		5	6	6	4	3	2	2	2	2.0000
8	0.0000	0.0000	5	5	4	4	5	6	8	8	6	7	7	6	6	6	6	7	8	7	7	7	8	8	6
9	0.0000	0.0000	4	3	4	3	2	3	2	2	2	2	2	3	4	7	7	7	6	6	6	7	7	7	4
10	0.0000	6	6	6	6	7	10	14	18	0.0000	14	18	8	8	7	8	12	17	11	8	8	9	10	22	11
11	0.0000	0.0000	20	15	6	1	1	2	4	5	3	4	4	4	5	7	8	9	7	9	14	16	14	10	8
12	0.0000	0.0000	11	7	7	7	7	10	16	18	16	11	9	8	7	8	10	10	8	7	6	6	8	10	9
13	0.0000	0.0000	10	7	5	5	5	10	12	11	11	14	0.0000	0.0000	5	5	6	6	5	5	4	3	3	4	7
14	0.0000	4	3	3	4	5	7	10	12	17	14	10	6	5	6	7	7	9	0.0000	0.0000	4	3	3	4	7
15	0.0000	3	3	2	2	2	3	3	3	3	3	3	3	3	3	4	5	5	5	6	6	4	5	5	4
16	0.0000	0.0000	6	6	5	5	5	6	7	6	6	7	5	5	4	4	5	8	7	7	6	3	3	3	5
17	0.0000	2	2	2	3	3	5	6	10	6	5	0.0000	6	6	7	7	8	10	7	7	6	6	6	6	6
18	0.0000	5	5	5	5	4	5	6	7	9	9	8	7	7	7	7	8	7	7	6	7	6	6	6	6
19	0.0000	5	3	3	3	3	4	5	5	5	4	3	4	4	5	6	6	8	8	7	7	7	6	5	5
20	0.0000	2	2	2	2	4	5	6	8	9	8	9	10	10	10	11	14	19	16	16	15	14	7	5	9
21	0.0000	0.0000	4	3	4	5	5	7	9	10	0.0000	9	12	12	11	14	9	8	7	7	7	7	7	6	8
22	0.0000	5	5	6	6	5	6	7	9	10	11	11	12	14	18	9	9	9	7	5	7	6	8	7	8
23	3	3	5	4	4	4	4	3	4	4	4	3	4	5	5	6	6	6	6	8	7	7	7	7	5
24	0.0000	4	4	4	4	3	1	3	3	5	7	10	3	1	1	1	1	2	1	0	0	0	1	2	3
25	0.0000	0.0000	6	4	2	3	3	3	3	3	3	0.0000	3	4	4	4	4	5	4	4	4	3	4	3	4
26	0.0000	3	3	3	3	3	3	4	6	6	5	4	4	4	4	4	5	6	6	5	6	5	5	6	4
27	0.0000	6	6	4	3	3	4	7	8	7	6	5	4	4	6	6	6	6	5	6	6	6	6	7	6
28	0.0000	6	6	5	4	5	6	9	10	10	8	7	6	5	5	5	5	6	6	6	6	6	6	6	6
29	0.0000	5	5	5	4	5	5	5	5	6	4	3	3	2	2	3	4	6	6	6	7	7	6	6	5
30	0.0000	0.0000	5	5	6	7	6	5	4	5	4	2	1	1	2	2	3	3	4	5	5	5	5	4	4
31	0.0000	2	3	2	2	3	4	6	8	8	6	4	5	0.0000	0.0000	4	4	11	14	11	8	9	9	8	6
MEAN	3	4	5	5	4	4	5	6	8	8	7	7	6	5	6	6	7	8	7	7	7	6	6	6	

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1			7	7	10	8	9	10	12						3	8	9	9	11	19	18	27	28	19	13
2	10	10	8	5	4	5	6	7	7	6	7	7	7	8	8	7	9	9	7	6	6	7	7	6	7
3		4	5	4	4	5	6	10	14	14	11	14	12	10	12	12	11	16	25	19	14	10	14	11	11
4		2	1	1	2	2	3	4	4	3	2	2	2	2	3	3	4	3	2	1	1	1	1	1	1
5		1	1	1	1	1	1	2	2	1	2	3	4	4	4	3	2	2	2	2	2	2	2	2	2
6		3	3	3	3	3	3	3	3	4	3	4	5	5											
7																									
8																									
9																									
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26																									
27																									
28																									
29																									
MEAN	10	6	6	6	5	5	5	7	10	10	9	8	7	7	7	7	8	9	9	9	9	8	8	8	

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	6	7	11	18	16	22	25	22	19	10	3	3	3	2	3	3	2	2	1	1	1	2	8	
2	1	3	3	2	1	6	9	11	10	7	6	5	5	4	5	5	5	5	6	5	5	5	5	5	
3	5	4	4	4	5	6	10	10	7	6	6	6	6	6	5	6	6	7	8	7	8	9	10	7	
4	16	10	9	9	7	8	12	7	5	5	4	5	5	5	5	5	5	5	6	7	7	5	5	7	
5	3	2	2	2	2	4	3	2	2	1	1	1	1	1	1	2	3	3	4	5	5	4	4	4	
6	4	1	1	1	1	1	1	4	5	5	2	3	4	2	2	3	4	5	9	7	5	5	4	6	
7	5	3	3	4	6	7	18	14	9	8	3	5	5	4	7	6	9	10	8	9	8	8	3	7	
8	2	1	1	2	2	3	4	5	4	3	3	2	2	3	3	4	5	4	3	3	4	5	5	3	
9	6	4	4	3	4	6	6	8	9	6	5	5	4	3	3	5	6	6	7	9	7	7	7	6	
10	6	6	6	6	5	5	7	8	6	5	5	5	4	4	4	4	5	4	5	6	6	7	10	6	
11	14	15	8	1	3	3	4	6	6	6	5	5	6	8	9	9	8	8	9	10	12	15	18	29	
12	22	20	19	16	11	8	7	6	5	5	5	6	6	6	6	6	6	8	10	12	17	19	26	21	
13	2	3	2	4	5	5	4	4	4	4	4	4	4	4	4	5	6	5	4	3	2	2	3	2	
14	2	2	2	1	2	4	4	6	7	10	7	8	11	11	10	9	8	10	12	10	7	7	6	8	
15	7	5	5	5	6	7	10	14	12	10	10	10	9	8	7	7	7	7	7	6	5	4	4	7	
16	3	4	3	3	3	3	3	5	9	9	7	8	9	9	12	18	12	14	16	22	22	16	15	10	
17	15	20	22	19	16	12	10	14	19	19	7	5	5	6	6	7	7	7	6	5	4	4	4	10	
18	2	1	1	0	0	1	1	1	1	1	1	2	1	1	1	2	3	3	4	5	5	4	4	2	
19	4	3	2	3	3	3	3	2	1	1	0	0	1	2	2	3	4	5	5	7	8	6	4	3	
20	3	1	1	2	0	1	2	4	3	5	6	5	5	5	7	9	10	12	11	10	7	6	6	5	
21	5	6	6	4	3	4	6	8	7	6	6	7	6	5	6	6	7	6	6	5	5	9	14	6	
22	8	6	4	3	3	3	5	8	8	15	17	14	8	9	9	9	8	9	8	7	5	5	5	8	
23	4	5	5	2	2	3	4	6	6	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
25	7	7	7	5	5	5	5	5	5	4	4	3	4	5	4	5	5	5	7	8	8	10	10	6	
26	7	6	5	4	4	4	3	2	1	1	1	2	2	2	2	3	3	4	5	5	6	6	5	4	
27	3	3	5	2	3	4	6	6	5	5	4	3	3	4	4	5	6	6	7	8	8	9	8	5	
28	5	5	5	4	5	5	7	10	11	8	5	5	5	6	7	9	12	10	10	11	12	11	11	8	
29	8	10	9	8	9	11	18	18	25	12	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
30	4	5	5	5	3	3	4	6	4	4	7	6	6	6	6	7	6	8	7	9	8	9	8	6	
31	4	9	7	5	5	5	4	4	4	5	4	4	4	4	5	6	8	7	8	10	9	6	9	6	
MEAN	6	2	6	6	5	5	5	7	8	8	7	5	5	5	5	5	6	7	7	7	7	8	8	6	

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	9	9	8	5	5	5	5	5	5	7	9	9	8	7	9	6	5	5	5	5	5	6
2	4	4	5	4	4	4	4	4	3	2	2	2	2	3	3	3	3	3	4	5	5	6	6	6	4
3	3	3	2	3	4	7	5	7	8	7	5	4	4	4	5	6	7	9	7	7	10	11	9	6	6
4	5	5	5	5	5	5	9	14	19	17	10	6	4	3	3	4	5	5	6	6	8	7	8	11	7
5	5	5	5	4	4	3	4	7	7	6	4	10	11	9	9	8	10	9	9	8	7	7	7	8	8
6	5	5	5	4	3	2	7	8	10	12	11	11	9	9	8	10	9	9	9	8	7	7	7	8	8
7	3	5	5	5	4	4	5	6	8	8	8	8	6	6	5	6	6	8	7	8	9	5	6	6	4
8																									
9																									
10											9	9	8	7	7	8	8	10	12	13	15	13	9	10	
11		10		12	6	6	6	12	19	12	13	13	8	7	8	8	5	6	5	7	15	15	12	10	10
12		9		9	7	5	5	6	16	24	10	5	7	6	8	8	8	9	9	7	6	4	4	4	8
13		3		2	2	1	1	4	6	6	7	10	19	5	4	5	5	6	6	4	3	3	2	2	5
14		0	0	0	0	0	2	5	8	6	5	6	6	6	5	5	5	7	10	10	10	8	6	5	5
15		5	5	5	3	8	9	8	15	15	15	15	21	16	12	10	8	8	9	15	18	15	15	11	10
16		14	19	34	33	18	12	10	8	6	7	6	4	4	4	5	4	3	6	7	8	10	8	7	10
17		4	5	3	4	9	14	20	11	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
18																									
19																									
20		3	3	2	2	2	3	7	10	8	6	6	3	3	3	3	3	5	5	8	7	6	6	6	5
21		2	2	2	2	2	3	7	6	5	4	4	3	3	3	6	6	6	7	6	5	6	4	4	4
22		2	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	4	6	3	3	2
23		3	3	2	2	1	2	2	3	3	2	1	1	1	1	1	3	3	3	3	4	6	3	3	2
24		1	1	1	2	2	3	5	6	6	5	4	3	3	3	4	4	4	4	4	4	5	4	4	4
25		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26		5	5	5	3	3	5	7	8	7	8	6	4	5	2	3	3	3	3	4	5	6	5	4	5
27		5	5	5	4	5	5	6	7	10	11	1	1	3	3	1	2	5	6	5	6	8	14	12	10
28		6	3	4	3	5	12	14	14	12	8	5	5	5	5	7	4	5	6	7	10	10	11	11	7
29		3	3	2	3	3	4	5	3	3	3	3	3	3	2	3	2	3	3	3	3	7	9	10	4
30		16	21	20	11	10	10	4	4	4	4	4	4	4	5	6	5	6	10	18	22	18	9	11	10
MEAN	4	4	5	6	5	5	6	8	9	8	6	6	5	5	5	6	5	6	7	7	8	8	7	7	6

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN		UNITS - PARTS PER HUNDREDMILLION																							
STATION - 67 COLLEGE ST TORONTO OAMST		NO 31001																							
MONTH MAY 72																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.00	0.00	21	16	28	35	35	23	11	10	10	7	12	10	9	10	10	6	6	6	4	4	3	3	13
2	0.00	0.00	3	5	8	13	18	27	18	14	0.00	0.00	3	3	3	1	2	1	1	0	0	1	1	1	6
3	0	1	2	1	1	1	6	7	5	3	2	2	3	3	5	3	1	1	1	1	2	2	3	3	2
4	2	2	0	0	0	2	8	12	12	12	8	5	6	2	5	7	6	5	5	3	3	3	3	2	5
5	1	0	0	0	0	8	8	10	10	5	5	4	6	5	6	6	3	3	2	2	5	7	13	8	3
6	0.00	0.00	7	6	8	8	7	7	6	2	2	2	2	2	2	2	2	2	3	3	3	2	1	2	5
7	1	1	1	0	0	0	1	3	2	2	2	2	2	5	5	3	4	3	4	7	9	12	12	5	4
8	2	0	1	2	2	2	2	3	4	3	3	3	3	4	4	6	7	6	4	4	3	3	2	2	4
9	4	0.00	4	4	2	2	4	4	6	3	3	4	3	4	4	5	5	5	6	7	9	14	19	17	6
10	1	0	1	2	3	4	6	7	6	4	4	4	3	4	4	5	5	6	7	9	14	19	17	6	6
11	14	16	14	12	9	10	14	16	16	10	7	6	6	6	6	6	7	7	8	8	9	9	9	11	10
12	9	9	9	10	11	12	18	23	16	12	11	11	11	11	14	14	15	15	15	18	0.00	0.00	0.00	0.00	13
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5	6	9	7	7	8	14	11	11	7	0.00
18	8	15	12	15	17	12	18	20	17	17	11	8	7	8	12	9	9	8	6	9	14	20	24	33	14
19	22	14	12	17	14	8	11	10	5	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	6	6	6	7	7	8	11	12	9	7	6	5	5	6	6	6	6	5	5	6	6	7	9	8	7
PERCENTAGE OF DATA VALID -	41																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN		UNITS - PARTS PER HUNDREDMILLION																							
STATION - 67 COLLEGE ST TORONTO OAMST		NO 31001																							
MONTH JUN 72																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12	12	9	4	6	6	5	6	0.00
2	6	0.00	10	19	22	25	23	28	25	22	12	7	5	5	5	5	7	7	4	3	3	4	4	5	11
3	2	0.00	2	3	3	3	5	5	6	5	5	5	4	4	2	2	1	2	4	6	4	4	5	5	4
4	2	0.00	2	2	4	2	2	2	2	2	1	1	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4	4	4	2	2	2	1	1	0.00
10	1	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
11	1	0.00	2	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	2	5	5	7	6	2
12	0.00	2	2	2	2	10	7	8	7	8	8	8	8	8	8	7	8	7	7	9	9	9	9	7	7
13	7	0.00	4	4	2	2	7	7	7	7	7	6	3	7	5	6	5	4	4	3	3	4	5	7	5
14													- DATA MISSING -												
15													- DATA MISSING -												
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5	5	5	6	6	6	6	5	0.00
17	2	0.00	2	2	2	2	4	5	3	3	3	4	4	4	5	5	5	3	2	6	4	6	9	15	5
18	10	0.00	9	7	5	4	6	3	2	3	3	3	2	1	1	1	1	1	3	3	4	4	5	8	4
19	1	0.00	3	4	4	5	10	11	10	6	6	6	5	5	5	7	7	4	4	4	4	4	5	9	6
20	0.00	7	5	4	4	5	11	9	6	6	6	6	6	6	0.00	7	7	5	5	4	4	4	4	4	6
21	0.00	5	6	4	5	9	10	11	0.00	0.00	0.00	8	8	6	5	6	6	6	6	5	5	4	4	4	6
22	0.00	1	0	0	0	1	2	3	3	3	3	3	3	2	2	3	2	2	1	1	0	0	0	0	1
23	0.00	0.00	0	0	0	0	0	4	5	4	4	3	3	4	4	3	5	7	8	7	6	6	6	6	4
24	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	3	5	6	7	8	8	10	10	10	4
25	0.00	12	11	10	11	7	6	5	5	4	4	3	1	3	4	4	4	4	5	5	6	6	6	10	6
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	3	4	4	4	4	5	6	7	6	5	4	4	4	4	4	4	5	5	5	4	5	5	6	6	5
PERCENTAGE OF DATA VALID -	53																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	6	11	22
FEB	25	8	17	32
MAR	31	6	12	29
APR	26	6	11	34
MAY	15	7	14	35
JUN	19	5	11	28
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
YEAR	141	6	17	35

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	14	96	248	141	18	26	1	544
FEB	15	83	157	159	35	48	15	512
MAR	44	106	294	164	23	34	11	676
APR	24	114	219	140	25	30	6	558
MAY	37	78	65	58	26	34	10	308
JUN	62	95	145	66	9	3	6	386
JUL		DATA MISSING						
AUG		DATA MISSING						
SEP		DATA MISSING						
YEAR	196	572	1128	728	136	175	49	2984

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
68	0	1.4	3.4	4.9	6.7	10.9	14.7	18.8	22.4	35	6.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	9	7	5	4	3	2	2	2	2	2	2	2	3	3	3	3	4	3	4	5	5	4	3	4
2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	5	8	5	3	3	3	2	2	3
3	2	2	1	1	2	2	2	3	4	4	4	5	7	6	9	9	9	9	9	12	14	16	15	10	6
4	12	8	6	4	4	5	9	18	21	16	15	13	12	11	11	11	13	14	10	8	6	5	6	5	10
5	4	3	3	2	2	2	5	10	11	10	8	8	7	8	10	11	15	18	17	15	15	18	15	8	9
6	7	8	9	9	7	4	2	3	3	3	3	1	2	1	9	9	5	6	6	5	5	5	5	5	5
7	5	6	4	4	3	3	4	4	5	4	4	4	7	8	8	8	11	10	9	8	6	6	5	5	6
8	3	3	3	3	3	3	5	7	7	6	5	5	5	6	3	2	2	3	3	2	3	3	3	3	4
9	3	3	3	3	3	3	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	2
10	3	3	3	3	3	3	4	6	8	9	8	6	8	4	3	3	7	18	13	6	5	4	6	13	6
11	15	14	9	5	4	3	3	3	5	5	3	4	3	3	4	3	4	5	6	6	9	10	7	7	6
12	6	7	6	3	2	3	3	4	5	5	5	3	4	2	1	1	2	2	2	1	2	2	2	2	3
13	2	2	2	2	2	2	2	4	5	5	3	14	10	5	5	6	6	6	5	5	3	3	3	3	4
14	3	2	2	2	2	2	4	9	10	4	2	1	0	0	1	9	6	6	6	7	11	9	7	5	4
15	4	3	2	2	1	1	2	3	3	3	3	3	3	3	4	6	6	7	7	7	5	5	5	5	4
16	5	6	5	4	3	3	3	4	5	5	6	6	4	4	3	3	3	4	4	5	5	4	3	3	4
17	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	4	4
18	4	4	4	4	4	5	5	4	5	4	3	4	5	5	5	7	6	5	5	5	6	6	5	5	5
19	3	2	2	2	2	2	4	16	18	11	8	8	7	8	8	9	9	13	9	6	7	5	4	6	7
20	6	5	4	4	3	2	3	4	4	4	4	3	3	5	9	11	15	15	14	11	7	7	7	5	6
21	4	4	3	3	3	3	5	9	10	10	9	9	8	9	10	11	9	6	9	7	4	3	3	3	6
22	3	6	8	6	5	5	6	5	10	4	3	4	4	4	5	5	4	4	3	3	4	4	4	4	5
23	4	3	3	2	2	2	1	2	3	5	6	7	8	9	9	9	4	5	7	7	8	8	7	7	5
24	5	4	4	3	3	3	5	10	5	6	5	4	3	3	2	2	2	2	3	2	2	2	2	3	4
25	3	3	3	2	1	1	2	2	2	2	2	2	3	4	4	4	6	4	3	3	3	3	3	3	3
26	- DATA MISSING -																								
27	6	5	4	4	3	3	4	4	5	5	3	3	2	1	2	3	3	4	4	4	3	3	4	6	3
28	2	2	2	3	2	2	2	4	3	3	2	2	2	2	2	2	3	3	3	4	5	3	3	2	3
29	2	3	3	3	3	3	3	2	2	2	1	1	1	2	2	1	2	3	3	2	2	3	2	2	2
30	2	2	2	1	1	1	1	2	2	2	3	1	1	2	2	2	3	3	3	3	3	3	4	2	2
MEAN	5	4	4	3	3	3	3	5	6	5	4	4	4	4	5	5	6	7	6	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	3	2	2	3	3	5	6	3	3	2	5	7	6	13	21	17	14	13	11	9	7	7
2	7	6	5	4	4	4	5	8	8	8	5	3	2	3	3	3	3	3	3	3	2	2	2	2	4
3	2	2	2	2	2	2	2	3	4	4	5	6	5	4	5	5	6	9	7	6	4	5	8	8	5
4	6	3	2	1	1	1	2	5	5	5	4	4	4	5	5	5	6	4	2	2	1	1	2	2	3
5	3	2	1	1	1	1	1	1	1	2	1	2	1	3	1	1	2	2	2	3	3	2	2	3	2
6	3	3	3	2	2	2	3	3	3	5	5	5	5	6	7	7	6	6	5	5	5	5	5	5	4
7	3	2	2	2	2	3	5	7	11	8	7	4	4	4	4	6	8	9	10	10	5	4	3	5	5
8	4	2	2	2	3	3	4	11	15	10	8	6	4	4	3	2	2	2	2	2	2	2	2	2	5
9	7	7	6	6	6	6	7	11	14	15	13	9	6	7	4	4	6	7	14	9	8	7	7	8	8
10	7	5	5	5	4	5	7	13	15	13	9	5	5	7	7	8	8	9	7	6	7	7	6	6	7
11	5	5	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	6	7	7	6	5	10	9	6
12	8	9	7	6	4	3	4	4	4	4	2	4	8	9	8	6	6	4	4	4	4	5	4	3	5
13	2	1	1	1	1	1	3	8	10	6	4	4	2	1	1	1	2	3	3	2	2	2	2	2	3
14	2	2	2	2	2	2	1	2	3	2	2	7	7	5	5	6	6	5	5	4	4	4	4	3	4
15	2	2	2	1	1	1	3	4	4	4	3	4	4	4	5	5	6	6	5	5	4	4	4	4	4
16	4	4	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
17	4	4	3	3	3	3	4	5	4	2	2	2	2	3	3	3	3	3	2	2	3	3	3	3	3
18	4	4	3	3	3	3	4	5	4	2	2	2	2	3	3	3	3	3	2	2	3	3	3	3	3
19	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	- DATA MISSING -																								
21	- DATA MISSING -																								
22	- DATA MISSING -																								
23	- DATA MISSING -																								
24	6	5	5	5	5	5	8	12	13	11	11	10	9	5	4	4	18	16	11	9	8	7	7	7	7
25	7	6	5	4	3	3	4	6	7	7	7	8	9	9	9	10	5	4	10	8	4	2	2	4	7
26	6	6	5	5	5	4	5	3	3	3	4	3	3	4	3	3	10	9	8	7	7	6	5	7	7
27	4	4	4	4	3	3	5	5	4	6	4	3	3	3	4	3	3	3	4	5	5	5	5	4	6
28	9	12	12	10	9	7	7	11	12	10	9	9	9	9	8	9	9	9	9	13	10	9	3	3	9
29	9	12	12	10	9	7	7	11	12	10	9	9	9	9	8	9	9	9	9	13	10	9	3	3	9
MEAN	5	4	4	4	3	3	4	6	7	6	5	5	5	5	5	5	6	7	7	6	5	5	5	5	5

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	7	5	5	9	10	13	23	21	15	13	15	7	12	11	8	7	9	5	4	5	6	6	5	9
2	3	4	5	4	3	3	6	7	8	6	5	5	5	5	5	6	7	8	7	6	5	5	5	5	5
3	5	4	4	3	3	4	6	9	9	8	8	8	8	8	9	10	11	12	11	9	8	8	7	7	7
4	7	8	7	6	6	6	7	9	8	5	3	2	2	3	2	2	3	3	3	3	4	5	5	5	5
5	6	5	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	6	6	6	5	4	5	7	12	11	6	5	6	4	6	5	4	4	4	5	6	7	7	7	10	6
10	8	8	8	6	6	5	6	11	11	9	8	7	7	7	7	6	7	9	10	10	10	9	7	7	8
11	9	9	7	6	7	7	4	4	4	4	3	3	3	3	3	3	3	3	4	4	7	6	9	11	5
12	10	9	9	7	6	5	5	5	4	5	5	6	7	8	9	11	11	11	11	12	11	11	11	10	8
13	8	6	5	3	4	4	6	8	8	6	4	4	3	5	6	6	3	3	2	2	2	2	2	3	4
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	4	6	4	2	3	2	5	5	5	6	8	13	14	8	6	7	6	6	7	6	5	4	4	5	6
23	5	5	8	4	2	2	5	9	8	8	7	7	7	6	7	7	8	9	7	6	6	5	5	6	6
24	4	3	3	3	2	2	4	7	7	6	7	7	7	7	6	7	9	8	7	8	7	6	6	6	6
25	6	6	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	6
26	7	6	6	5	4	4	5	5	5	4	5	5	6	6	6	6	6	6	6	6	5	5	5	4	5
27	4	4	3	3	3	4	6	7	7	6	6	6	6	6	6	6	7	8	7	8	6	5	5	4	5
28	4	4	3	3	3	3	5	7	7	6	6	5	5	6	7	7	9	9	9	9	6	6	6	5	6
29	4	3	3	3	3	3	5	8	8	6	5	3	2	2	1	1	3	6	3	2	3	2	2	2	3
30	3	3	4	2	1	2	2	2	2	2	2	2	3	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MEAN	6	6	5	4	4	4	6	8	8	6	6	6	6	6	6	6	6	7	7	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 59

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	6	5	5	4	4	4	6	8	8	7	6	6	6	6	6	6	6	7	6	6	5	5	4	4	6
7	3	3	3	3	2	2	4	6	7	6	5	5	5	5	5	6	6	7	6	6	6	5	4	4	5
8	4	4	3	2	2	1	2	2	3	3	3	4	4	4	5	4	4	4	4	5	4	4	4	4	3
9	4	4	4	3	3	3	3	3	3	3	3	4	5	5	5	4	5	5	6	6	7	6	6	6	4
10	5	5	5	3	2	1	9	7	8	13	14	7	6	4	5	5	8	6	7	7	8	8	7	10	7
11	9	11	9	8	7	11	13	16	16	12	9	12	8	5	9	13	16	20	20	22	19	17	16	18	13
12	13	8	6	5	5	6	9	19	18	8	3	3	4	5	5	6	4	4	4	4	6	2	1	2	6
13	1	1	1	1	1	1	1	1	2	3	4	10	7	5	8	11	15	15	11	11	12	14	12	12	7
14	8	6	4	3	3	4	11	16	22	17	11	12	10	4	2	1	2	2	3	8	7	6	2	2	7
15	2	1	2	2	2	2	3	4	3	9	11	10	11	10	8	9	8	10	13	17	18	15	13	16	8
16	20	17	15	12	8	5	5	8	6	5	8	5	4	5	5	7	3	3	4	8	8	9	8	8	8
17	6	4	3	3	4	3	4	18	17	11	9	9	10	10	10	12	.....	47	38	37	30	23	21	20	15
18	17	11	9	7	6	7	4	4	3	3	4	4	4	4	.....	7	8	9	4	4	5	5	26	31	8
19	25	18	12	9	10	9	15	27	13	16	7	6	3	5	11	14	13	16	14	12	10	9	8	8	12
20	7	6	3	2	2	3	7	19	18	13	11	10	.....	.....	.....	9	11	11	9	11	10	9	.....	.....	9
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	8	7	6	6	5	6	7	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MEAN	9	7	6	5	4	4	6	10	10	9	7	7	6	6	6	8	8	11	10	11	10	9	9	10	8

PERCENTAGE OF DATA VALID - 52

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	3	5	9	5	3	3	1	2	***
2	5	2	1	2	3	5	6	4	5	5	4	4	2	1	2	1	1	1	1	1	1	1	1	1	3
3	1	1	2	3	3	3	3	2	2	7	6	1	2	1	1	4	10	5	10	9	8	8	9	7	4
4	5	4	3	3	2	8	11	11	7	6	6	5	6	7	9	***	32	20	16	12	9	9	9	7	9
5	5	4	3	3	3	8	16	14	12	10	9	9	8	8	7	8	8	7	8	7	5	5	6	5	8
6	5	6	5	5	5	5	5	5	4	4	3	4	3	3	4	3	2	6	6	6	5	5	5	6	5
7	6	4	3	2	1	1	3	3	3	4	5	5	7	7	7	8	6	4	4	5	6	7	7	5	5
8	3	2	2	2	2	3	4	6	4	1	1	0	0	1	1	1	1	1	1	3	7	6	6	6	3
9	4	4	3	2	2	3	5	5	5	4	4	4	4	4	4	***	14	8	7	6	5	5	4	4	5
10	3	2	2	2	3	4	7	6	6	6	6	6	6	7	6	7	7	7	7	8	10	8	6	7	6
11	6	6	5	4	4	4	5	5	6	8	9	9	8	8	8	11	12	10	9	7	8	8	7	7	7
12	5	5	5	4	5	7	11	12	7	7	8	5	4	4	4	5	6	5	5	6	8	9	7	6	5
13	7	11	10	8	6	8	10	8	6	3	2	1	1	1	1	2	3	1	1	2	3	3	9	10	5
14	9	5	2	2	2	1	1	1	1	2	2	2	1	2	1	1	1	1	1	2	2	2	1	1	2
15	1	1	2	1	0	1	2	2	2	2	2	2	2	2	1	2	3	3	3	4	3	6	11	10	3
16	7	6	4	3	4	7	11	13	9	7	7	7	7	7	8	10	17	15	11	9	8	9	10	9	9
17	6	5	4	4	3	5	10	8	6	6	4	3	4	1	0	0	1	2	2	4	4	7	8	6	4
18	7	6	6	7	5	4	4	6	6	5	4	1	1	2	2	1	1	1	2	4	21	23	21	17	7
19	6	7	9	5	4	10	24	13	1	0	0	1	2	2	1	1	1	2	4	23	22	12	9	15	7
20	15	11	8	8	8	11	11	12	10	3	6	4	2	1	1	2	1	1	2	4	3	7	7	6	6
21	9	6	6	7	6	6	6	7	10	9	7	5	3	2	1	1	1	1	6	6	7	6	6	5	5
22	3	2	2	2	2	3	4	4	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	6	5	4	4	6	7	8	8	8	4	2	2	1	1	3	4	5	8	10	11	13	13	9	7	5
25	7	6	6	5	5	5	5	5	2	1	1	1	1	1	1	1	1	1	2	3	5	3	4	4	3
26	4	4	4	4	3	2	2	3	4	5	2	2	1	2	1	1	1	1	2	3	6	8	7	6	3
27	5	5	4	2	3	3	3	4	4	2	2	2	1	1	0	0	0	1	1	1	***	***	***	***	2
28	- DATA MISSING -																								
29	- DATA MISSING -																								
30	6	3	3	2	2	3	5	5	4	***	***	***	***	3	3	3	5	5	4	5	5	5	6	4	4
31	3	1	1	1	1	4	7	7	5	4	4	4	4	5	5	5	5	5	6	6	5	5	6	4	4
MEAN	6	5	4	4	3	5	7	7	5	4	4	3	3	3	3	3	6	5	5	6	7	7	7	7	5

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	3	4	6	8	7	6	7	6	8	8	8	10	9	5	4	4	3	3	2	***	5
2	- DATA MISSING -																								
3	- DATA MISSING -																								
4	- DATA MISSING -																								
5	- DATA MISSING -																								
6	5	6	6	6	5	5	5	6	6	7	6	7	6	7	8	6	5	5	5	5	4	4	4	4	6
7	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4
8	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	11	5	1	4	4	2	3	3	3	4
9	3	3	2	1	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	4	5	3
10	5	4	3	2	3	3	4	4	4	4	4	5	5	5	5	5	5	4	3	2	1	1	2	2	4
11	2	2	2	2	1	1	1	1	1	1	3	4	5	4	5	4	4	4	5	5	5	5	5	4	3
12	3	3	3	3	3	3	4	5	5	4	4	4	5	4	4	4	4	4	4	4	4	3	4	3	4
13	3	3	3	2	2	1	2	2	2	2	2	2	2	1	2	3	2	4	4	3	***	***	***	***	2
14	- DATA MISSING -																								
15	3	2	2	2	2	3	3	3	2	2	3	3	3	3	3	3	6	5	6	5	4	4	4	4	***
16	6	5	4	3	4	5	6	9	10	10	6	4	3	3	3	5	3	3	3	12	11	9	13	13	3
17	11	10	9	8	8	10	12	12	8	4	3	2	4	2	1	1	1	1	1	0	0	0	0	0	5
18	1	1	2	7	7	7	13	17	18	14	***	***	1	2	1	2	2	2	2	3	3	3	3	3	3
19	7	6	3	2	2	3	4	4	4	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
20	3	3	3	3	2	2	3	3	4	4	4	5	4	3	2	2	2	2	2	2	2	2	2	2	3
21	2	1	1	1	1	2	2	2	2	2	***	1	2	2	2	2	2	2	1	1	1	1	1	1	2
22	1	0	0	0	1	1	1	2	2	3	3	3	5	5	4	5	4	5	4	4	4	4	4	3	3
23	3	3	2	2	1	1	1	2	2	2	2	3	3	3	2	2	3	3	3	4	3	3	3	3	2
24	2	2	2	1	1	2	2	3	2	1	0	1	2	1	2	1	2	1	0	0	1	3	2	1	3
25	4	3	3	2	2	1	2	2	2	2	2	3	2	1	0	1	1	2	3	4	4	3	2	2	2
26	1	2	1	1	2	2	3	2	2	2	1	1	2	2	1	1	1	2	3	4	4	3	2	2	2
27	- DATA MISSING -																								
28	- DATA MISSING -																								
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	2	1	1	1	1	2	3	6	3	5	6	5	5	8	11	11	11	9	9	11	11	9	7	7	6
MEAN	3	3	3	3	3	3	4	5	4	4	4	3	4	4	4	4	4	3	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUL 72

STATION - PHARMACY AND 401 TORONTO	NO 33002	MONTH JUL 72	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	7	7	6	5	5	5	6	5	5	5	5	5	5	5	6	8	8	8	8	9	9	8	6	5	6	6
2	6	5	5	5	5	4	4	3	2	3	2	3	5	6	10	6	8	10	7	6	5	5	9	7	5	6	6
3	5	3	3	3	3	4	5	5	5	5	5	5	6	7	8	7	8	7	6	5	5	6	7	5	5	6	6
4	4	5	3	2	3	5	8	6	7	6	6	6	6	7	6	6	7	10	9	9	9	9	9	7	7	6	6
5	5	5	4	4	4	6	8	8	9	8	9	8	8	9	2	2	2	3	4	6	7	7	7	8	9	8	5
6	7	5	5	5	5	6	10	9	9	9	10	9	8	8	2	2	2	4	4	3	5	5	6	5	5	6	6
7	4	6	6	6	5	6	8	7	5	2	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	4	4
8	4	6	6	6	5	4	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	2	3
9	5	7	6	5	5	4	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	2	3
10	1	1	0	1	1	1	2	3	3	4	5	4	5	4	3	2	2	2	3	5	6	6	4	5	5	5	3
11	4	4	3	3	3	2	6	6	4	3	2	2	2	2	3	2	1	1	2	2	3	5	7	4	3	4	3
12	4	3	2	3	3	3	4	5	6	5	2	3	3	3	2	1	0	1	1	1	1	2	2	2	2	2	2
13	0	0	0	0	0	1	2	2	3	4	2	1	1	1	1	1	2	2	3	4	4	4	4	4	4	2	2
14	1	1	1	1	1	1	2	1	0	3	3	5	5	3	4	4	4	4	4	5	4	6	7	5	3	3	3
15	3	2	1	1	1	2	2	2	3	3	4	3	3	3	3	3	4	4	6	7	6	7	8	8	7	6	4
16	5	7	6	5	4	4	5	4	4	4	3	2	2	2	2	2	2	2	5	6	3	7	8	8	7	4	5
17	7	6	4	4	3	5	18	22	12	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18																											
19																											
20																											
21																											
22																											
23																											
24																											
25																											
26	2	2	1	1	2	4	5	5	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	3	4
27	3	2	2	2	2	3	4	4	2	3	3	3	3	3	3	3	3	7	16	19	18	17	17	16	13	13	7
28	9	6	3	3	4	13	21	18	13	14	16	16	16	16	19	19	26	11	6	6	14	27	29	23	21	15	14
29	16	17	11	9	9	16	19	15	13	14	14	11	3	2	1	2	2	2	2	3	3	4	4	5	11	18	9
30	13	11	12	11	7	7	8	5	3	2	3	2	2	2	1	1	2	2	1	1	1	2	2	4	11	18	5
31	13	8	6	6	8	13	25	24	11	7	6	4	2	1	1	1	2	2	2	3	4	4	4	5	6	3	7
MEAN	6	5	4	4	4	5	8	7	6	5	5	4	4	4	4	4	5	4	5	5	5	7	7	7	6	6	5

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	3	5	6	4	2	2	6	15	15	13	17	15	19	26	25	30	8	6	6	7	22	25	24	19	13	
2	15	9	3	2	1	1	3	2	2	1	1	3	4	5	5	4	3	2	1	1	1	1	1	1	3	
3	2	2	1	1	1	1	3	10	13	11	6	2	9	14	15	14	14	13	13	10	14	14	16	8	9	
4	5	3	1	1	4	14	31	30	24	19	27	27	10	10	10	10	3	4	6	6	8	10	29	31	27	
5	23	20	15	13	17	25	30	23	8	6	4	4	3	3	3	2	2	2	3	5	6	5	6	7	10	
6	9	10	10	8	6	6	5	6	5	5	4	3	3	3	3	3	3	2	2	2	2	2	2	2	5	
7	1	2	2	2	2	2	6	5	3	2	2	2	4	8	11	9	8	9	10	10	10	11	8	6	6	
8	4	3	4	3	5	10	7	22	19	15	10	3	3	4	10	10	7	4	4	3	5	5	4	2	7	
9	2	1	1	2	1	2	4	4	3	2	12	14	14	15	17	22	22	18	17	22	9	11	11	11	10	
10	5	4	3	2	3	5	13	22	15	10	10	11	10	10	11	59	72	60	58	62	56	50	51	38	27	
11	18	14	11	9	7	6	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12																										
13																										
14																										
15	26	17	12	12	18	43	109	100	81	57	14	2	2	2	1	2	2	2	1	2	3	12	26	55	43	27
16	25	19	12	10	11	21	51	28	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	3	2	6	20	11	5	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18																										
19																										
20																										
21																										
22																										
23																										
24																										
25																										
26																										
27																										
28																										
29																										
30																										
31																										
MEAN	10	8	6	5	6	10	21	21	15	11	8	7	6	8	10	14	15	12	13	14	14	17	20	16	12	

PERCENTAGE OF DATA VALID - 41

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	5	10	21
FEB	25	5	9	23
MAR	21	6	9	23
APR	18	8	15	47
MAY	29	5	9	32
JUN	25	4	7	18
JUL	24	5	14	29
AUG	15	12	27	109
SEP	DATA MISSING			
YEAR	187	6	27	109

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	35	297	223	94	19	24	1	693
FEB	35	160	200	110	19	9	2	535
MAR	3	85	198	128	21	5	2	442
APR	13	56	129	88	41	38	12	377
MAY	113	139	223	133	22	10	7	647
JUN	72	246	160	39	14	3	0	534
JUL	58	148	200	85	18	22	9	540
AUG	39	73	52	38	22	35	51	310
SEP	DATA MISSING							
YEAR	368	1204	1385	715	176	146	84	4078

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
69	0	1 1	2 4	3 9	5 7	10 0	13 9	20 5	26 6	109	5 7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25	8	6	5	***	4	6	9	9	7	6	5	4	5	5	7	8	10	9	9	11	12	12	13	11	***
26	4	3	2	2	3	8	14	16	10	9	7	7	6	7	9	10	***	***	***	***	***	***	***	***	7
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30	6	5	4	3	3	3	5	4	***	4	5	5	6	6	11	11	5	10	5	10	4	3	10	1	4
31	1	0	0	0	0	0	0	0	0	0	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	5	4	3	2	3	4	7	7	6	5	5	4	6	6	8	10	10	10	10	10	9	9	8	7	6

PERCENTAGE OF DATA VALID - 12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3	8	7	6	5	5	5	5	4	5	5	6	6	9	6	5	5	6	4	5	5	6	6	5	5	6
4	5	6	3	2	1	2	1	2	1	0	0	0	0	0	0	0	0	0	0	***	***	***	***	***	1
5													- DATA MISSING -												
6													- DATA MISSING -												
7	2	2	1	1	1	1	1	1	1	0	0	0	***	1	1	2	2	1	2	3	4	6	5	5	2
8	4	1	0	0	1	1	3	2	2	2	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	5	4	3	2	2	2	3	2	2	2	2	2	5	2	2	2	2	4	4	4	4	6	5	5	3

PERCENTAGE OF DATA VALID - 14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7	8	6	6	5	3	3	5	6	6	11	13	3	6	13	12	13	12	11	11	12	11	7	9	10	
8	13	11	8	7	6	8	10	12	13	13	12	12	14	14	16	17	18	22	22	25	25	25	25	23	10
9	23	24	20	12	8	13	14	14	16	16	18	20	22	20	24	25	25	27	27	26	21	18	18	14	20
10	7	4	3	5	6	11	26	31	14	3	1	2	4	5			2	1	1	2	3	4	5	3	7
11	2	3	3	2	2	4	5	5	9	10	9	10	11	12	12	10	12	12	12	11	8	8	8	7	8
12	7	4	2	4	2	3	5	5	6	8	10	10	8	6	5	5	6	5	8	7	7	7	6	4	6
13	3	2	2	2	4	4	4	4	3	1	4	7	7	5	5	3	1	2	1	1	2	2	2	2	3
14	2	2	1	1	1	2	2	3	2	2	3	4	6	9	10	10	11	11	10	9	7	9	9	8	6
15	6	4	5	4	5	6	6	7	7	7	8	8	7	8	7	6	7	5	6	6	5	5	4	5	6
16	5	4	3	3	2	1	2	2	2	3	4	4	4	5	4	6	5	5	6	4	6	5	5	4	4
17	3	3	2	2	2	2	2	4	4	5	5	6	6	5	6	5	5	5	5	6	6	6	6	6	4
18	4	3	4	3	4	4	5	4	5	6	6	7	7	6	8	9	9	6	3	4	3	3	4	4	5
19	2	2	2	1	1	1	3	3	3	2	2	5	5		10	12	14	17	16	12	7	6	6	6	6
20	6	5	5	5	4	5	8	10	9	9	12	11	13	14	7	3	2	3	3	3	4	5	4	3	6
21	3	2	2	2	3	3	3	3	1										2	3	3	4	3	4	3
22	4	3	3	3	3	3	4	5	6	8	8	8	8	9	7	3	2	2	2	3	6	3	3	3	5
23	3	3	3	3	3	4	5	5	5	5	3	3	3	3	4										
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	6	5	4	4	3	5	6	7	7	6	7	8	8	9	9	10	9	9	9	9	8	8	8	7	7

PERCENTAGE OF DATA VALID - 54

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	2	2	2	1	1	2	3	4	3	3	3	3	4	7	8	10	10	9	9	9	10	4	2	2	
3	4	4	2	2	3	4	3	3																	
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11												7	7	8	9	8	10	11	10	10	9	9	8	7	8
12	7	6	6	7	6	6	6	7	7	7	4	2	1	4	9	3	2	2	2	4	4	3	3	4	5
13	4	4	3	2	2	3	3	3	3	3	2	2	6	6	7	8	7	8	11	12	10	9	10		6
14	8	7	6			4	6	5		3	3	3	2												
15																									
16	6	4	4	3	4	4	9	9	8	7	8	8	8	9	9	9	9	9	8	8	8	7	7	7	7
17	6	5	5	4	5	6	7	8	8	8	9	9	9	10	11	11	10	9	8	8	7	7	7	6	8
18	6	5	4	4	3	3	3	3	2	1						1	1	2	2	2	2	3	2	1	2
19	3	2	1																						
20																									
21																									
22																									
23	11	6	5	5	3	13	38	39	31	23	9	15	23			50	50	26	9	14	25	42	65	58	25
24	39	35	30	18	20	40	68	77	54	38	38														
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	9	7	6	5	5	9	15	16	15	10	9	6	8	9	9	14	14	11	9	9	9	10	12	12	10

PERCENTAGE OF DATA VALID - 31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - D.O.H. BATHURST & WILSON

NO 34007

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY	6	6	7	16
JUN	8	3	6	12
JUL	19	7	20	31
AUG	15	10	25	77
SEP		DATA MISSING		
YEAR	48	7	25	77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY	14	9	26	26	10	5	0	90
JUN	46	17	28	8	2	0	0	101
JUL	17	104	129	70	37	29	19	405
AUG	8	52	51	85	8	7	27	238
SEP		DATA MISSING						
YEAR	85	182	234	189	57	41	46	834

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
28	0	1 0	2 8	4 9	7 6	13 3	21 8	30 7	39 7	77	7 3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21	3	2	1	0	1	1	2	3	4	2	0	0	2	1	0	1	2	3	3	3	3	3	2	1	2
22	1	1	0	0	0	0	0	1	2	3	0	0	2	2	3	3	4	4	4	4	4	4	4	4	2
23	4	4	4	3	3	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24																									
25																									
26																									
27	3	3	2	1	1	0	1	2	3	4	0	0	0	0	0	1	1	1	1	2	3	2	2	2	0
28																									
29																									
30																									
MEAN	3	3	2	1	1	1	1	2	3	3	0	1	2	2	1	2	2	3	3	3	4	3	3	3	2

PERCENTAGE OF DATA VALID - 11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12	1	3	3	2	3	4	5	7	6	7	0	7	7	3	3	4	5	5	6	7	8	10	10	10	5
13	9	9	7	5	4	4	5	10	17	16	0	5	4	5	7	10	10	15	14	12	10	6	8	11	9
14	11	12	13	10	7	5	3	3	4	4	2	4	4	5	4	3	2	3	5	8	7	8	7	7	6
15	6	5	5	6	7	7	7	8	7	7	0	4	4	5	8	9	10	9	6	8	6	8	9	10	7
16	9	8	8	8	7	6	4	4	4	5	6	6	4	4	2	4	4	4	3	3	5	5	7	8	5
17	7	7	5	2	3	4	6	7	7	6	0	9	15	11	7	6	6	6	7	7	9	9	8	0	7
18	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	7	6	6	5	4	4	0	0	0	0	0	0	0	0	0	6	6	7	6	9	10	9	8	8	7
21																									
22																									
23																									
24																									
25																									
26																									
27	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	3	3	6	6	5	4	2
28																									
29																									
30																									
31																									
MEAN	6	6	7	5	5	5	5	7	8	8	2	6	7	5	4	5	6	6	6	7	7	7	7	7	6

PERCENTAGE OF DATA VALID - 23

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH JUN 72

84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	6	2	2	4
MAY	12	6	9	17
JUN	3	5	5	9
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
YEAR	21	5	9	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR	31	36	17	0	0	0	0	84
MAY	5	29	67	65	6	5	0	177
JUN	3	10	27	10	0	0	0	50
JUL		DATA MISSING						
AUG		DATA MISSING						
SEP		DATA MISSING						
YEAR	39	75	111	75	6	5	0	311

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
14	0	0.8	2.5	3.8	5.7	8.2	9.6	11.9	14.4	17	4.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH JAN 72

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12	2	2	2	3	6	6	5	5	5	3	3	2	10	11	14	15	9	2	1	1	0	0	1	1	5
13	0	0	0	0	0	0	0	0	2	2	2	2	3	4	4	3	4	6	6	5	2	2	2	1	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	1	1	1	2	3	3	5	5	4	4	5	4	7	8	9	9	7	4	4	3	1	1	2	1	4

PERCENTAGE OF DATA VALID - 7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH MAR 72

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	4	4	4	4	4
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	3	3	2	2	2	2	2	2
14	4	3	3	2	2	2	2	2	3	2	1	1	1	2	2	2	3	5	8	8	9	9	8	9	4
15	6	5	4	2	2	2	2	4	4	3	3	3	3	3	3	3	4	4	4	4	3	4	3	4	4
16	3	2	2	2	2	2	2	4	6	5	5	4	3	3	3	3	4	4	4	4	4	3	2	3	3
17	2	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	4	3	2	2	2
18	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	5	5	2
19	4	4	4	4	4	5	5	5	5	2	3	4	2	2	2	3	4	3	3	4	4	4	5	4	4
20													- DATA MISSING -												
21	5	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	2	3
22	2	2	1	1	1	1	1	2	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27	2	1	2	2	2	2	2	3	4	3	3	3	3	3	3	1	1	2	4	4	4	4	3	3	3
28	4	3	2	2	2	2	2	4	4	4	3	5	4	3	2	2	2	3	4	4	3	3	3	3	2
29	2	2	1	1	1	1	1	3	5	7	6	6	6	3	2	6	7	7	8	8	8	8	7	6	5
30													- DATA MISSING -												
31	5	4	5	4	3	2	2	2	3	4	4	4	3	3	3	3	3	3	3	3	4	4	5	7	4
MEAN	3	3	2	2	2	4	2	3	3	3	3	3	3	2	3	3	3	3	4	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 38

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN													UNITS - PARTS PER HUNDREDMILLION															
STATION - MACDONALD GDNS. OTTAWA													NO 51001 MONTH APR 72															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	6	5	5	6	5	5	6	5	5	5	5	4	4	5	8	5	6	6	5	4	3	5	5	5	5			
2	4	3	1	2	2	4	3	2	3	2	5	2	3	2	2	2	2	2	2	3	3	3	4	4	3			
3	6	5	5	6	5	5	4	5	5	4	5	4	5	5	3	3	4	2	2	2	2	2	2	3	4			
4	4	5	4	10	9	8	5	4	4	2	5	4	4	4	5	5	5	5	5	5	5	5	5	5	5			
5	- DATA MISSING -																											
6	1	0	1	1	1	1	1	1	1	1	0	0	1	1	1	2	3	3	1	1	1	1	1	1	1			
7	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	3	3	3	1			
8	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	5	5	5	4	2			
9	3	2	2	2	2	5	2	3	4	3	5	5	1	1	1	1	2	4	6	4	6	5	5	4	3			
10	4	3	3	2	2	5	5	7	6	4	2	2	2	2	2	2	4	5	6	8	7	7	7	9	4			
11	10	8	9	4	5	3	3	3	3	3	3	2	3	5	3	3	5	7	10	12	11	9	6	6				
12	6	4	4	2	2	2	2	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5			
13	6	5	5	4	3	5	2	2	2	2	3	4	4	4	3	4	4	4	6	4	3	3	4	4	4			
14	4	3	2	2	2	2	1	1	2	2	2	2	2	3	3	4	4	3	2	2	3	2	3	2	2			
15	3	3	3	3	3	3	4	4	5	4	5	4	5	5	5	5	5	2	3	4	4	6	5	4	4			
16	7	7	5	4	3	5	4	10	6	10	8	5	7	7	5	5	5	4	6	5	3	3	3	3	5			
17	2	2	2	2	2	5	2	3	3	3	3	3	6	4	3	2	8	8	8	7	7	6	6	6	4			
18	5	4	3	2	1	5	1	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
19	11	8	6	4	5	3	3	2	2	2	1	1	1	1	1	1	3	4	5	5	11	11	10	11	5			
20	3	3	3	2	2	2	1	2	2	2	3	3	4	6	7	3	4	4	3	4	5	5	5	5	3			
21	4	4	3	2	1	3	4	6	5	5	5	5	1	1	1	1	2	3	4	5	3	3	3	3	3			
22	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	3	6	10	10	6	2			
23	6	5	3	2	2	2	3	2	1	0	0	0	0	0	0	0	0	1	0	0	1	2	3	3	2			
24	3	0	2	2	1	2	3	3	2	2	2	2	0	0	0	0	1	1	1	2	8	21	24	19	5			
25	15	8	5	4	4	5	3	5	5	4	3	3	2	5	5	2	3	3	2	3	5	5	5	5	4			
26	3	2	2	2	3	2	0	1	1	1	2	2	2	3	3	3	2	2	2	3	5	6	6	11	3			
27	14	7	3	4	7	5	5	6	2	2	1	1	1	1	2	2	2	2	2	2	4	6	11	14	4			
MEAN	5	4	3	3	3	5	2	3	3	3	2	2	2	2	2	2	3	3	3	4	5	5	6	6	3			

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN												UNITS - PARTS PER HUNDREDMILLION													
STATION - MACDONALD GDNS. OTTAWA												NO 51001 MONTH MAY 72													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	4	4	2	2	1	5	5	12	5	2	1	1	0	0	5	5	5	1	1	1	1	2	1	3
2	1	1	1	0	0	5	1	2	2	3	2	3	3	3	4	4	4	4	3	2	2	2	1	1	2
3	1	0	0	0	0	5	2	5	6	6	6	5	5	3	2	3	5	4	4	4	3	4	3	3	3
4	2	4	3	2	3	5	8	11	7	5	2	5	5	5	2	3	5	4	4	4	3	3	3	3	5
5												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
6												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
7												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
8												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
9												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
10												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
11												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
12												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
13												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
14												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
15												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
16												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
17												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
18												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
19												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
20												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
21												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
22												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
23												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
24												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
25												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
26												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
27												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
28												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
29												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
30												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
31												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	3	2	2	1	1	1	4	6	7	5	3	3	3	2	2	4	5	4	3	2	2	2	2	2	3

PERCENTAGE OF DATA VALID - 10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS. OTTAWA NO 51001

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31	6	5	4	3	4	3	8	****	****	5	5	5	3	2	2	3	3	3	5	9	10	4	3	4	5
MEAN	6	5	4	3	4	3	8	****	****	5	5	5	3	2	2	3	3	3	6	8	8	5	5	5	5

PERCENTAGE OF DATA VALID - 3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS. OTTAWA NO 51001

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	8	6	5	3	1	4	8	8	5	5	4	2	2	3	3	2	3	5	5	6	6	6	6	5
2	9	9	5	4	5	****	6	5	5	5	5	5	4	4	3	1	1	2	2	4	3	2	3	3	4
3	2	1	1	1	2	1	1	2	3	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	5	6	6	5	6	8	8	****
8	7	7	2	3	1	1	****	5	7	7	5	4	6	3	3	3	3	4	4	6	6	3	2	2	4
9	2	1	1	2	1	1	****	2	2	2	2	2	3	3	3	3	3	3	5	5	6	5	6	3	
10	6	3	2	2	2	2	****	3	3	2	3	2	2	2	2	2	3	2	3	4	7	20	14	8	4
11	7	4	3	3	3	3	****	9	12	11	7	7	3	3	3	3	5	8	4	7	7	5	****	****	5
12													- DATA MISSING -												
13	****	****	****	****	****	****	****	****	****	****	****	****	5	6	6	5	7	6	6	6	5	6	6	6	****
14	5	2	1	2	1	****	6	7	2	****	4	4	3	3	3	3	5	4	5	9	18	16	14	11	6
15	6	5	4	4	7	****	10	14	23	14	9	3	3	3	3	4	5	6	6	6	9	6	7	3	7
16	2	2	2	2	2	****	2	3	2	2	2	2	3	3	2	2	3	5	4	7	9	8	5	4	3
17	3	2	1	1	1	****	1	2	2	3	2	2	2	3	2	2	2	5	6	9	6	7	9	8	4
18	4	2	2	2	****	5	4	5	5	4	4	4	4	5	3	5	6	6	6	7	4	3	3	4	
19	2	1	1	1	1	****	2	2	2	3	1	2	2	2	1	1	2	3	3	3	2	3	2	2	2
20	1	1	1	2	2	****	3	6	4	2	2	2	3	****	****	3	3	6	5	6	6	5	4	3	3
21	4	3	2	2	2	****	5	9	12	8	5	3	3	3	4	4	5	5	6	7	6	7	5	4	5
22	2	1	0	1	0	****	3	2	2	1	2	2	2	1	1	2	3	3	5	6	9	11	8	5	3
23	5	4	4	3	3	****	3	4	5	6	4	3	2	3	1	2	3	4	10	13	15	13	8	7	5
24	6	5	3	2	2	****	1	2	2	4	5	6	6	6	7	6	7	7	7	6	7	8	8	7	5
25	6	4	3	3	3	****	4	8	9	17	20	12	6	6	6	8	8	7	7	7	6	6	6	4	7
26	2	2	1	1	1	****	5	6	7	5	4	5	5	4	5	6	7	7	7	6	4	4	3	3	4
27	1	1	1	0	1	****	3	3	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	4	3	2	2	2	2	4	5	6	5	5	4	3	3	3	4	4	5	6	7	7	7	6	5	4

PERCENTAGE OF DATA VALID - 66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MACDONALD GDNS. OTTAWA

NO 51001

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	4	4	5	15
FEB		DATA MISSING		
MAR	16	3	5	9
APR	29	3	6	24
MAY	4	3	3	12
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG	2	5	5	10
SEP	23	4	7	23
YEAR	78	4	7	24

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	15	19	12	5	1	2	0	54
FEB		DATA MISSING						
MAR	28	162	79	16	0	0	0	285
APR	138	218	167	42	8	4	2	579
MAY	23	27	21	3	2	0	0	76
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG	0	10	16	3	0	0	0	29
SEP	48	184	162	65	8	10	1	478
YEAR	252	620	457	134	19	16	3	1501

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
33	0	0.6	1.6	2.6	3.9	6.4	7.9	10.7	13.6	24	3.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	****	3	3	2	2	2	2	2	4	4	4	4	3	4	5	6	5	5	7	7	8	9	10	5
2	9	****	5	5	4	4	4	4	4	4	4	5	6	7	7	8	7	8	6	5	3	3	2	1	5
3	1	****	1	1	1	1	2	1	2	2	****	2	3	1	1	2	2	2	2	2	1	1	2	2	2
4	2	****	2	3	2	2	1	1	2	2	2	2	3	2	1	1	2	2	2	2	1	1	1	1	1
5	1	****	1	1	1	1	1	1	2	1	1	1	0	0	****	1	1	2	1	2	1	1	1	1	1
6	1	****	1	1	1	1	1	3	8	7	4	3	2	2	2	3	5	5	3	1	1	1	1	1	3
7	1	****	1	1	1	1	2	3	3	3	2	2	****	****	3	3	4	4	3	3	2	2	1	1	2
8	1	****	1	1	1	1	1	1	2	2	1	1	1	1	1	2	3	3	3	2	1	1	1	1	1
9	1	****	1	1	1	2	2	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
10	1	****	1	2	2	2	2	2	2	2	2	1	2	2	3	****	9	20	32	61	44	44	28	16	13
11	7	****	6	5	5	7	9	16	4	3	3	3	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA	DATA
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
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28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	3	****	2	2	2	2	2	3	3	3	3	2	3	2	3	3	4	5	6	9	6	6	5	4	4

PERCENTAGE OF DATA VALID - 31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
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12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15	****	****	****	****	****	****	****	****	****	****	****	****	0	0	1	1	1	1	2	3	3	3	3	3	****
16	3	3	3	3	3	2	3	3	4	4	2	2	2	2	1	1	2	3	2	3	3	3	4	5	3
17	4	5	4	4	2	2	4	5	7	6	4	4	2	2	2	2	2	2	2	3	3	2	2	1	3
18	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	****	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1
20	1	1	1	1	****	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	3	3	3	1
21	3	3	3	4	****	4	4	3	4	****	****	****	****	****	2	1	2	2	2	1	1	1	2	2	2
22	2	2	2	****	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	2	2
23	1	1	1	****	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
25	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27													- DATA MISSING -												
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	1	1	1	1	1	1	1	1	2	****	****	****	****	****	****	1	1	1	0	1	1	1	0	1	1
30	1	1	1	1	2	2	2	4	4	3	4	3	3	3	3	3	3	3	2	3	3	2	3	2	3
31	2	2	1	1	1	1	2	2	1	1	1	2	2	3	3	2	2	2	3	4	8	8	4	3	3
MEAN	2	2	1	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	0.000	1	1	2	1	1	2	2	2	2	1	1	3	2	3	2	3	3	3	2	3	2
2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	3	4	3	2	3	2
3	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2
4	1	1	1	1	1	1	1	1	2	1	1	0.000	0.000	0.000	0.000	2	2	2	3	2	2	2	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	1	2
7	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	1	2
8	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
12	1	2	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	4	8	6	2	1	2
13	1	1	1	0	0	0	0	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	1	1	1
14	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	7	8	6	2	3	2
15	2	3	3	2	2	1	2	3	4	4	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3
16	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1
17	3	5	5	3	3	2	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	2	1	2
18	2	1	1	1	1	2	1	1	1	1	1	0.000	0.000	0.000	2	2	2	3	2	2	2	2	2	2	2
19	1	1	2	2	3	2	2	2	3	2	3	2	3	3	2	2	3	4	3	3	3	3	3	5	3
20	3	2	2	0.000	2	1	1	2	2	2	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1
21	1	0	0	0.000	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	3	3	4	4	1
22	3	4	4	0.000	5	4	2	2	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	2
23	1	1	1	0.000	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
24	0	1	0	0.000	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1	2	3	2	2	1	1
25	1	0	1	0.000	0	0	0	0	0	0	0	0	0	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	1	1	1	1	1	1	1	1	3	5	10	11	14	0.000
27	7	4	3	0.000	2	1	1	1	1	1	0	0	0	0	0	0	0	0	1	3	4	4	4	2	2
28	2	1	1	0.000	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1
29	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	2	2	1	1	1	1
30	1	1	1	0.000	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
MEAN	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0.000	0	0	1	2	1	1	1	1	1	1	1	1	2	2	3	3	2	2	1	1	1
2	1	2	2	0.000	1	2	2	3	4	4	5	4	3	0.000	0.000	0.000	3	3	3	4	4	3	3	3	3
3	3	3	2	0.000	3	2	2	4	4	3	3	4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3
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MEAN	1	2	1	0.000	1	1	2	3	3	3	3	3	2	1	1	1	3	3	3	4	3	3	2	2	2

PERCENTAGE OF DATA VALID - 7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
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PERCENTAGE OF DATA VALID - 75

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
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MEAN																									

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	2	5	5	4	2	1	0	1	1	1	1	2	0.000	2	2	2	3	4	4	2	2
2	2	1	1	1	0	0	1	1	1	1	2	2	1	1	1	2	0.000	1	2	4	5	3	2	2	2
3	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.000	1	1	2	3	1	2	2	1
5	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1
6	1	1	1	1	1	1	2	2	1	1	1	0	0	0	0	1	1	0	1	1	9	17	3	2	2
7	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	2	3	3	2	1	1	1
8	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	2	1	2	1	1	1
9	1	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	5	7	4	3	2
10	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	7	6	4	3	2
11	1	1	1	1	1	1	2	2	2	0.000	2	2	1	2	2	2	2	2	2	2	1	2	2	1	2
12	2	1	1	1	1	2	2	3	0.000	1	0	0	0	0	0	1	1	1	5	10	10	9	14	1	3
13	10	1	1	1	0	1	1	1	0	0	0	1	2	2	2	4	4	4	2	2	2	2	1	1	2
14	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	3	5	6	6	5	5	1	3
15	1	1	1	1	0	0	1	1	0.000	0.000	0.000	1	1	2	2	2	2	2	2	2	2	2	2	1	1
16	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	3	3	2	2	2	1	2
17	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	4	2
18	3	2	2	3	4	3	3	3	0.000	3	3	3	3	3	4	5	6	6	5	3	4	3	3	3	3
19	2	2	2	2	2	2	2	3	1	1	1	1	2	2	2	2	2	2	3	3	5	4	4	2	2
20	1	1	1	1	1	1	2	3	1	2	2	1	1	1	1	1	1	2	2	3	2	5	6	6	2
21	11	15	11	6	5	8	11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22																									
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26	3	2	2	2	3	3	4	2	1	1	1	2	2	3	4	4	4	6	5	3	3	3	3	3	2
27	1	0	1	1	1	1	3	0.000	1	2	1	1	1	1	1	2	2	2	2	2	2	0.000	0.000	0.000	1
28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	1
29	1	1	1	0	0	1	1	1	1	1	1	2	2	1	1	2	2	3	2	3	2	2	1	1	1
30	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	3	3	3	3	3	3	2	2	2
MEAN	2	2	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	3	3	4	3	3	2

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	3	4	2	2	1	1	2
2	1	1	1	1	1	1	1	2	0.000	0.000	0.000	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
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MEAN	2	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	3	4	2	2	1	1	2

PERCENTAGE OF DATA VALID - 4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MEMORIAL PK,CORNWALL

NO 56051

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	11	4	13	61
FEB		DATA MISSING		
MAR	16	2	3	8
APR	30	1	3	14
MAY	3	2	3	5
JUN		DATA MISSING		
JUL	26	1	3	11
AUG	23	1	2	7
SEP	27	2	3	17
OCT	2	2	2	4
YEAR	138	2	13	61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - MEMORIAL PK,CORNWALL

NO 56051

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	86	94	31	17	0	3	5	236
FEB		DATA MISSING						
MAR	195	100	22	3	0	0	0	320
APR	477	161	22	5	1	1	0	667
MAY	18	26	10	0	0	0	0	54
JUN		DATA MISSING						
JUL	389	149	18	4	1	0	0	561
AUG	337	143	19	1	0	0	0	500
SEP	314	222	42	8	3	3	0	592
OCT	16	17	1	0	0	0	0	34
YEAR	1832	912	165	38	5	7	5	2964

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
50	0	0.2	0.5	0.8	1.4	2.7	3.7	5.8	8.1	61	1.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14	6	6	5	4	3	4	4	4	3	3	2	2	2	2	2	3	4	4	4	4	5	5	5	4	4
15	4	3	3	3	3	4	4	4	3	3	3	3	3	3	3	4	4	5	7	7	7	6	6	6	4
16	7	6	6	6	5	5	5	5	5	6	3	2	2	2	1	1	1	1	0	0	0	0	1	1	3
17	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1
18	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1
19	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	5	5	5	5	4	3
20	1	1	1	0	1	1	2	2	1	2	2	2	2	2	2	2	2	3	3	2	1	1	1	1	2
21	2	2	1	1	0	1	1	1	2	2	1	1	2	2	2	2	3	3	3	2	2	2	2	2	2
22	2	2	1	1	2	2	2	2	2	1	2	2	2	2	2	2	3	2	2	3	3	2	2	2	2
23	2	2	1	1	2	2	2	2	2	1	2	2	2	2	2	2	3	2	2	3	3	2	2	2	2
24																									
25																									
26	1	1	0	0	0	0	0	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2
27	1	1	1	1	0	0	1	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
29	1	0	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
2	3	2	2	2	2	2	2	2	3	3	4	5	4	3	2	3	3	4	5	5	4	4	3	4	3
3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	3	3	3	4	4	3	2	3	3	3
4	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	3	3	3	4	4	3	2	3	3	3
5	3	2	1	1	1	1	1	2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
6	3	3	2	2	2	2	2	1	3	3	2	4	4	4	4	3	3	3	3	3	2	1	1	0	2
7	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	1
8	1	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	2	2	3	2	2	2	2
9	3	3	3	3	2	2	2	1	0	0	1	1	2	1	2	2	2	3	3	3	3	3	3	3	2
10	3	3	3	3	2	2	2	1	0	0	2	3	2	2	2	3	2	2	1	1	1	1	1	3	2
11	2	1	1	1	1	1	0	0	1	2	3	4	4	4	3	3	3	2	2	1	1	2	3	3	2
12	3	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	3	3	3	2	2	2	2	1	0	1	2	1	1	1	2	2	2	2	2	2	2	1	1	1	2
15	1	2	2	2	2	2	2	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	2	2	1
16	2	1	1	2	2	1	1	1	2	2	2	3	3	3	3	3	2	2	3	3	3	3	2	2	2
17	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	3	3	3	3	2	3	2
18	3	3	3	3	2	2	2	2	3	3	5	6	4	3	4	4	3	3	3	2	2	2	2	2	2
19	3	3	3	3	2	2	2	2	2	3	2	1	1	1	2	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	3	3
21	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	1	2	2	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	2	1	2	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	1	1	2
2	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	3	2
3	2	2	2	1	1	2	1	1	2	2	2	2	1	2	2	1	1	2	2	2	2	1	1	1	2
4	1	1	2	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
5	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2
7	2	2	2	1	1	1	1	1	2	2	3	3	2	3	2	2	2	3	3	2	2	2	2	2	2
8	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1
9	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1
10	1	1	0	0	0	0	0	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	2	2	1
11	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	2	2	1	1	1	1
14	1	1	1	1	1	1	1	0	0	0	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
15	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2	3	3	3	3	3	2	2	2	2	1
16	1	1	1	1	1	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
18	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	3	3	3	3	2	2	2	2	2	2
21	1	1	1	1	1	1	1	1	2	3	3	3	4	3	3	3	3	2	2	2	2	2	2	2	2
22	1	1	1	1	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
23	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	0	0	0	0	0	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
29	3	3	2	2	2	2	2	2	2	2	3	2	2	2	1	2	3	3	3	3	3	3	3	3	3
30	2	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	3	3	3	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	0	0	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
2	3	3	2	3	3	3	3	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
3	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	1	1	1	1	1	0	0	0	0	0	2	1	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	3	3	3	4	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2
9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	4	4	4	4	4	4	4	3	3	2
12	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3
13	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	0	0	1	0	0	0	0	1	2	2	2	4	4	3	4	4	3	3	3	2	2	2	2	2
19	2	2	2	2	2	1	1	1	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
20	3	2	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
21	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
22	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
23	2	2	2	2	2	2	2	2	1	1	1	1	3	3	3	3	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	1	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	4	3	3	3	3	2	2	3	3	3	3	3	4	4	3	2	2	2	2	2
31	2	2	1	1	1	3	2	2	2	2	1	2	1	1	1	1	3	3	3	3	2	2	2	2	2
MEAN	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP	16	2	4	8
OCT	31	2	3	6
NOV	30	1	3	4
DEC	31	2	3	7
YEAR	108	2	4	8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG		DATA MISSING						
SEP	114	151	43	5	0	0	0	313
OCT	263	352	49	0	0	0	0	664
NOV	370	323	5	0	0	0	0	698
DEC	280	399	22	1	0	0	0	702
YEAR	1027	1225	119	6	0	0	0	2377

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
81	0	0.2	0.7	1.2	1.8	2.7	3.1	4.0	4.7	8	1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15	2	2	2	2	3	4	5	5	3	3	3	3	3	3	4	4	3	3	4	5	4	4	5	4	4
16	5	4	4	3	3	3	3	3	3	3	3	3	4	3	5	4	5	6	5	4	4	5	4	4	4
17	4	4	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	2	3	2	3	4	1
18	1	1	2	1	2	1	2	2	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20													- DATA MISSING -												
21	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	3	3	3	3	4	3	3	3	3	0
22	3	2	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
23	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
24	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3	3	3	3	3	3
25	3	3	3	2	2	2	2	2	3	3	3	3	4	5	5	4	5	5	4	3	3	3	3	4	4
26	4	3	3	3	3	3	3	4	1	1	1	1	4	4	3	2	2	2	2	3	3	1	1	0	3
27	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
29	2	2	2	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	2

PERCENTAGE OF DATA VALID - 41

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	3	3	3	2	3	3	3	3	1	1	3	2	2	3	3	4	2
2	4	3	2	1	1	1	2	2	2	4	6	8	7	4	3	3	4	5	6	4	3	3	3	1	4
3	1	3	2	1	2	2	3	2	2	2	5	4	6	6	6	4	3	2	3	2	2	2	2	2	3
4	1	1	1	1	1	1	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	2	2	2
5	1	1	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	3	3	3	3	2	2	2	2	2	2	3	4	4	2	2	2	2	2	2	3	3	3	3	3	2
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	3	3	3	3	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	3	3	2	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	3	4	4	4	4	4	2
11	3	2	3	3	3	3	2	2	3	4	4	5	4	4	5	5	5	5	4	5	5	5	4	4	4
12	3	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	2	2	2	2	2	2	1	1	2	2	3	3	2	2	2	3	3	4	4	3	3	3	3	3	3
17	0	0	1	1	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2
18	2	1	2	2	1	2	2	3	2	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2
19	1	2	1	0	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	1	2	2	2	4	3	2	3	2	3	4	4	4	4	3	3	2	2	2	3
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	2	2	2	2	2	2	2
23	2	1	1	0	1	2	2	2	2	2	2	3	3	3	3	2	2	1	1	1	1	1	1	1	1
24	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	0	1	0	0	0	1	1	2	1	1	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	3	4	4	4	4	3	3	4	4	3	3	3	3	3	3	3
27	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
28	2	1	1	3	2	2	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3
29	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
31	2	2	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	3	4	2	2	2	2	2	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	3	2	2	1	1	1	2
3	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	1	2
4	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	1	2	1	2	2	2	1
5	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	2	2	2	1	1
6	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7																									
8																									
9	0	1	1	1	1	0	0	1	1	2	2	2	2	2	2	2	2	1	1	3	1	2	1	2	2
10	1	2	1	1	1	1	1	1	3	3	2	2	3	3	3	3	3	4	4	4	4	4	3	3	3
11	3	2	2	2	2	1	1	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3
12	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	1	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	2
15	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1
16	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
17	4	3	3	3	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	4	4	4	4	4
19	4	3	3	3	2	3	3	3	3	3	3	3	2	2	3	3	4	3	2	2	2	2	2	2	3
20	2	2	1	1	1	1	1	1	1	3	3	3	3	2	3	3	3	4	4	4	3	3	3	3	2
21	3	3	2	2	2	1	2	3	3	3	3	3	3	3	2	3	3	3	3	3	3	2	2	3	3
22	2	1	1	1	1	1	1	2	3	3	3	3	2	2	2	3	3	3	3	3	2	2	3	3	2
23	3	3	3	2	2	2	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2
24	1	1	2	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	5	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
29	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	4	5	6	5	3	4	4	4	4	4
30	3	3	3	3	3	3	3	3	3	4	5	6	4	4	4	4	4	4	4	4	4	4	4	4	4
MEAN	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	3	3	3	3	3	3	3	3	3	3	4	5	5	5	5	4	4	4	4	4	4
2	3	4	3	3	3	3	3	3	4	3	3	4	4	3	3	3	4	5	5	5	5	5	5	4	4
3	5	4	2	2	2	2	2	3	2	0	1	1	1	1	1	1	1	2	3	3	3	3	3	4	2
4	3	2	3	3	1	1	1	2	3	3	2	3	3	3	3	3	3	4	4	4	3	3	3	2	3
5	2	2	2	2	2	2	2	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3
6	3	3	3	3	3	3	2	2	2	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2
7																									
8																									
9																									
10																									
11																									
12	6	6	6	5	4	5	5	5	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	3	3	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	8	8	8	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
16	7	6	6	6	6	6	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
17																									
18	5	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	4	4	4	4	4	4	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	4	4	4	3	3	1	2	3	4	4	3	3	4	4	4	5	4	5	4	4	4	3	3	3	4
21	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3
22	4	4	4	4	4	4	4	5	5	4	4	4	4	4	5	3	3	3	3	3	3	3	3	3	3
23																									
24																									
25																									
26	3	4	3	3	3	4	4	4	4	4	4	4	4	4	4	5	4	4	5	5	4	4	4	4	4
27	1	1	1	2	2	3	5	4	4	4	4	4	4	4	4	3	3	3	3	3	2	2	2	2	3
28	2	2	2	2	2	1	2	3	3	4	4	4	4	4	4	4	5	5	4	5	4	3	3	3	3
29	3	2	3	3	2	1	2	2	2	2	2	2	3	3	3	3	3	3	3	1	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	4	4	3	3	3	4	4	5	4	3	3	4	4	4	4	4
31	1	2	1	2	2	2	3	6	5	5	5	4	4	4	3	3	4	4	3	4	3	3	3	3	3
MEAN	4	4	3	3	3	3	3	4	4	3	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP	15	2	4	6
OCT	31	2	4	8
NOV	29	3	4	6
DEC	25	4	8	10
YEAR	100	3	8	10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG		DATA MISSING						
SEP	104	141	53	0	0	0	0	298
OCT	252	378	60	2	0	0	0	692
NOV	125	366	144	0	0	0	0	635
DEC	21	219	213	40	0	0	0	493
YEAR	502	1104	470	42	0	0	0	2118

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
72	0	0.4	1.2	2.0	2.8	3.9	4.7	6.0	7.5	10	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	0	0	0	0	1	1	1	1	2	1	1	1	1	1	1
13	1	1	0	0	1	1	0	0.000	2	2	2	2	2	2	3	4	4	4	4	4	4	3	3	4	2
14	2	2	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
16	2	1	1	1	1	2	2	0.000	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	2	1	1	1	1	2	2	0.000	2	2	2	1	1	1	1	1	1	1	2	2	1	1	2	2	1
19	1	1	1	1	1	1	1	0.000	2	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	1
20	2	1	2	1	1	2	2	0.000	0.000	0.000	1	2	2	2	2	4	4	4	4	4	3	3	3	3	2
21	2	2	2	2	2	2	2	0.000	2	2	3	3	3	3	3	3	3	2	1	2	2	2	2	2	2
22	1	1	2	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	2	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	1	1	1	1	1	1	1
24	1	1	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	0.000	0.000	0	0	1	1	1	1	1	1	1	1
25	0	0	0	0	0	0	0	1	0.000	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
26	1	1	1	1	1	1	1	1	0.000	0.000	0.000	2	2	2	2	2	3	3	3	3	2	1	1	1	2
27	1	1	1	1	1	1	1	1	0.000	2	2	2	3	3	3	4	4	4	5	5	5	5	5	5	3
28	5	4	4	3	3	3	4	0.000	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2
29	1	1	1	1	1	0	0	0.000	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1
30	1	0	0	0	0	0	0	0.000	1	0.000	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
31	2	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2	2	3	3	4	3	3	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	5	4	4	4	4	3	2
3	3	3	2	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
4	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
5	1	1	1	1	2	1	1	1	0.000	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2
6	1	1	1	1	2	2	1	1	1	0.000	2	2	2	2	0.000	0.000	2	2	2	2	2	1	1	1	1
7	0	0	0	0	0	0	0	0	0	2	2	3	3	3	3	3	4	4	4	4	4	3	3	3	2
8	0	3	2	2	2	2	2	2	2	0.000	2	2	2	1	1	1	1	1	1	1	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
10	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
11	2	1	1	1	1	1	1	1	0.000	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
12	2	2	2	2	3	3	3	3	0.000	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3
13	3	3	3	3	3	3	3	3	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
14	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
21	3	3	3	3	2	2	2	3	0.000	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3
22	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	1	1	1	2	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 50

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH DEC

72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													2	2	2	3	3	3	2	2	2	2	2	3	
2	1	2	2	2	3	3	2	2		2	2	3	2	2	3	3	3	4	3	3	3	4	3	3	3
3	4	4	3	2	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2
4	3	3	3	3	3	3	4	3	3		2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
5	2	2	2	2	2	1	1	1	2		2	2	2	2	2	3						2	2	2	2
6	2	2	2	2	2	2	2	2		2	2	2	2	2	2							1	1	1	1
7	1	1	1	1	1	1	1	1	1		2	2	1	1	1	1	1	2	2	2	2	2	2	2	1
8	2	2	1	1	2	2	2	2		2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2		1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	1
10	2	2	1	1	1	1	1	2		2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1				2	1	1	1	1	2	2	3						1
12													- DATA MISSING -												
13													2	2	2	2	2	2	2	3	3	2	2	2	
14	2	2	2	2	2	2	2	2		1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
15	2	2	2	2	1	1	1	1		1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2
16	2	2	2	2	1	1	1	1		1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
17	1	0	1	1	1	1	1	1		1	2	2	2	2	2	3	3	4	4	3	3	2	2	2	2
18	2	2	2	3	3	2	3	3		2	2	2	2	2	2	3	3	3	2	3	3	2	2	2	2
19	2	2	2	2	2	2	2	2		2	2	2													
20															1	1	1	0	0	0	0	0	0	0	
21	1	1	1	1	0	1	1	1		1	1	2	2	2	2										
22													1	1	1	2	1	1	1	1	1	2	2	1	
23	1	2	2	2	2	2	2	2		2	2	2	2	2	2	1	2	2	2	2	2	2	3	2	2
24	3	2	1	1	1	1	1	1		1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	2	2	2	2	2	2		1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
26	2	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1		2	2	1	2	1	2	2	2	2	2	2	1	0	0	0	1
28	0									1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2
29	1	1	1	1	1	1	2																		
30																									
31													- DATA MISSING -												
													- DATA MISSING -												
MEAN	2	2	2	2	2	2	2	2	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT	20	2	3	5
NOV	18	2	3	5
DEC	28	2	3	4
YEAR	66	2	3	5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG		DATA MISSING						
SEP		DATA MISSING						
OCT	249	154	26	0	0	0	0	429
NOV	143	211	13	0	0	0	0	367
DEC	226	303	7	0	0	0	0	536
YEAR	618	668	46	0	0	0	0	1332

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
60	0	0.2	0.6	1.1	1.6	2.5	2.9	3.5	3.9	5	1.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
28	1	1	1	1	1	1	1	0									1	2	3	1	1	1	0	1	1
29	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0							0
30																									
MEAN	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0

PERCENTAGE OF DATA VALID - 9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING	-											
2													- DATA MISSING	-											
3													- DATA MISSING	-											
4													- DATA MISSING	-											
5													- DATA MISSING	-											
6													- DATA MISSING	-											
7													- DATA MISSING	-											
8	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
10	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	2	1	1	1
11	1	1	1	0	0	0	0	0	0	0	0	0	0	3	2	2	1	1	1	1	1	1	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13													- DATA MISSING	-											
14													- DATA MISSING	-											
15													- DATA MISSING	-											
16													- DATA MISSING	-											
17													- DATA MISSING	-											
18																0	0	0	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	2	2	2	2	2	1	1	0	1	0	1	1	1	1	1	1	1	1
20	1	1	1	1	2	1	2	2	2	2	1	1	1	1	0	1	1	1	2	2	2	3	2	1	1
21	2	1	1	2	3	3	3	3	2	2	2	2	2	1	1	1	2	2	2	1	1	1	2	2	2
22	2	1	1	2	2	2	1	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2
23	1	1	1	2	2	2	3	3	2	2	2	1	2	1	1	1	0	0	1	0	0	0	0	0	0
24													- DATA MISSING	-											
25																									
26	0	0	0	0	0	0	1	2	1	1	2	2	2	2	1	1	2	2	3	3	3	2	2	2	1
27	1	2	2	2	2	3	3	3	3	3	3	2	1	1	1	1	2	2	3	2	2	2	2	2	2
28	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0
29													- DATA MISSING	-											
30													- DATA MISSING	-											
31																0	0	1	1	1	1	1	0	1	0
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	0	0	0	1	1
3	0	0	0	0	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	2	2	2	2	1
4	2	2	1	0	0	1	1	1	1	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	1
5	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	2	1	2	1
6	1	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	2	3	2	2	2	1	2	2	1
7	1	0	0	0	1	1	2	2	2	2	2	2	2	1	2	2	2	3	3	3	2	1	1	0	1
8	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0	1	0	0	1	1	1	1	1
12	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	2	2	2	2	1	1	1
13	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	1	0	0	1	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	0	1	2	2	3	4	4	4	4	3	3	2	2	3	5	5	5	3	2	4	2	2	3
19	5	4	4	4	4	5	6	7	6	5	4	3	2	3	3	3	3	2	1	2	2	2	2	2	4
20	1	1	1	4	2	1	0	1	1	0	0	0	1	1	1	1	1	1	2	1	1	0	0	0	1
21	0	0	0	0	0	0	1	3	3	2	1	1	1	1	1	1	1	2	1	1	1	1	3	3	1
22	3	2	2	1	1	1	1	1	1	1	1	2	2	1	0	0	1	1	1	1	1	1	1	0	1
23	1	1	1	1	1	1	0	1	1	0	1	0	1	1	1	1	1	1	1	2	2	2	2	1	1
24	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	2	1	1	1	1	1	1
25	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	3	2	1	2
26	1	1	1	2	2	2	2	2	3	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1
29	1	1	1	0	0	0	1	1	2	1	1	0	0	0	0	0	1	2	2	2	2	2	1	1	1
30	1	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2	2	2	2	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	1	1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0
8	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
9	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1
12	1	1	1	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	1
13	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
14	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1
15	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP	4	0	1	3
OCT	17	1	2	3
NOV	29	1	4	7
DEC	23	1	2	3
YEAR	73	1	4	7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG		DATA MISSING						
SEP	62	4	0	0	0	0	0	66
OCT	223	101	0	0	0	0	0	324
NOV	495	127	26	1	0	0	0	649
DEC	352	129	0	0	0	0	0	481
YEAR	1132	361	26	1	0	0	0	1520

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
51	0	0.1	0.4	0.7	0.9	1.7	2.0	2.9	3.8	7	1.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14	4	2	2	3	3	5	5	5	3	3	3	5	6	5	5	4	2	2	3	4	3	3	3	4	3
15	4	4	4	4	4	4	4	4	4	3	2	3	2	2	4	6	6	6	7	6	6	5	5	7	5
16	5	5	3	3	3	3	4	4	4	4	4	3	3	4	2	2	2	2	3	3	2	2	2	2	3
17	1	1	1	1	0	1	1	1	2	2	2	2	1	1	1	1	1	1	3	6	5	5	5	6	2
18	6	5	5	4	4	3	4	4	5	8	10	7	6	6	6	5	5	5	6	7	7	6	6	3	6
19	1	1	1	1	1	2	2	2	3	3	4	4	5	4	4	2	3	3	4	5	5	5	5	5	3
20	5	4	3	3	3	3	3	5	4	4	3	3	3	3	3	3	3	4	5	5	6	6	5	5	4
21	5	5	5	4	5	5	5	6	4	3	3	3	3	3	4	5	5	5	6	7	6	5	5	4	5
22	2	1	1	1	1	3	3	4	2	1	1	1	1	1	2	3	3	3	4	4	3	3	3	3	2
23	4	4	3	3	4	4	4	5	6	4	4	6	5	4	4	3	3	3	4	5	5	5	5	5	4
24	5	5	5	4	4	4	4	5	5	4	6	6	5	3	3	3	3	3	5	5	5	4	4	3	4
25	3	3	2	1	1	2	2	3	3	3	3	3	3	3	3	4	4	3	4	5	4	4	3	2	3
26	2	1	0	0	0	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	2	3	4	4	2
27	2	1	0	0	0	1	1	1	1	1	1	1	1	1	2	3	4	3	2	2	2	2	3	3	2
28	4	3	3	3	3	3	3	4	4	2															
29																									
30																									
MEAN	4	3	3	2	2	3	3	4	3	3	3	4	3	3	3	3	3	3	4	5	4	4	4	4	3

PERCENTAGE OF DATA VALID - 46

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	9	7	7	6	6	7	5	5	4	5	6	6	4	4	6	8	7	7	9	7	11	6	2	2	7
5	2	3	3	4	4	4	5	5	4	5	6	6	4	4	6	8	7	9	7	8	7	7	7	8	5
6	8	7	6	5	6	6	5	6	6	7	8	9	6	5	6	6	5	5	5	5	5	5	4	3	6
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	4	4	4	4	2
8	4	3	2	2	2	3	3	3	2	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	2
9	2	1	1	1	2	1	1	1	2	1	1	1	1	1	1	2	2	2	4	5	6	5	5	5	2
10	5	5	5	5	5	5	5	7	4	4	4	3	3	4	6	7	7	7	7	7	6	7	7	7	6
11	7	7	6	6	7	8	6	5	4	4	4	4	5	6	7	8	8	7	6	5	4	4	4	3	6
12	3	2	1	1	2	4	4	3	1	1	1	2	2	2	1	2	2	2	2	3	3	3	2	3	2
13	3	1	3	2	2	2	3	3	3	3	2	2	2	2	3	4	4	4	5	5	5	4	4	4	3
14	3	3	2	2	2	2	4	4	4	4	4	4	4	3	3	2	2	2	3	3	2	2	4	4	3
15	3	3	4	4	3	3	3	3	4	3	2	1	2	3	3	3	3	4	6	5	5	5	4	4	3
16	3	2	1	2	2	3	5	5	4	4	3	2	3	4	4	5	5	4	4	4	3	3	3	3	3
17	1	1	2	2	2	4	5	5	4	4	3	2	3	4	3	3	4	5	5	5	5	5	5	5	4
18	5	4	5	5	5	5	5	5	6	6	6	4	5	5	5	5	4	5	5	5	5	5	5	5	4
19	3	4	4	3	5	5	5	5	6	6	6	4	5	5	5	5	4	6	6	5	5	5	5	5	4
20	6	6	7	6	5	6	5	4	3	3	3	3	3	3	4	4	5	6	6	6	6	7	7	7	5
21	7	7	5	4	5	6	6	6	6	6	6	6	5	5	5	6	6	6	6	5	4	5	5	4	5
22	4	4	4	4	4	5	4	4	4	4	4	4	5	5	5	6	6	6	5	5	5	5	5	5	5
23	5	5	6	6	5	6	6	6	6	6	6	4	4	4	5	5	5	6	5	6	5	4	4	3	5
24	3	2	1	1	1	1	1	1	3	3	3	2	2	2	3	2	3	3	3	3	3	3	3	3	2
25	2	1	1	1	2	2	3	4	3	3	3	3	3	4	4	5	6	5	6	5	5	5	5	5	4
26	4	4	4	3	3	4	5	4	4	4	3	4	4	4	5	4	5	7	9	9	9	9	8	8	5
27	6	5	5	5	5	5	5	6	8	8	6	5	7	10	8	11	11	11	12	9	8	8	8	8	8
28	8	8	8	7	7	7	7	6	6	7	8	7	7	6	5	7	8	9	8	7	7	6	5	5	7
29	5	4	4	4	4	4	4	2	2	1	2	2	2	2	1	2	3	2	2	2	1	1	2	3	2
30	2	1	1	1	1	1	1	2	2	2	2	2	1	3	5	5	5	5	5	6	5	5	5	4	3
31	6	5	5	5	4	5	6	5	5	5	6	6	4	3	2	4	5	6	6	4	5	4	4	4	5
MEAN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	6	5	5	5	5	5	4

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST NO 29025

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	4	****	4	4	4	6	6	6	6	6	6	7	7	9	9	9	9	9	9	9	6
2	8	8	6	4	4	****	5	5	5	5	5	5	5	5	5	5	5	6	7	6	7	6	6	6	6
3	5	4	3	2	2	****	3	3	4	4	3	1	1	2	2	1	2	3	2	3	3	4	4	4	3
4	5	4	3	2	2	****	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4
5	5	4	4	3	4	****	4	4	4	3	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4
6	5	5	5	5	5	****	5	5	****	4	4	4	5	5	4	6	6	6	6	6	6	8	7	7	5
7	6	6	7	6	6	****	6	7	7	8	****	****	9	8	6	6	6	7	7	7	7	6	6	6	7
8	5	4	5	5	5	****	5	6	7	6	5	5	4	4	4	3	4	3	3	3	3	2	1	2	4
9	3	3	2	2	2	****	3	3	3	2	****	3	3	3	3	4	4	3	3	4	5	6	****	****	3
10	6	6	****	4	****	****	4	****	****	****	****	****	****	5	5	6	6	6	6	6	5	5	6	5	****
11	5	6	5	5	6	****	5	5	5	4	4	4	4	4	5	5	6	6	4	5	5	5	6	7	5
12	7	6	6	5	5	****	5	5	5	5	5	5	5	5	5	6	6	7	7	7	6	7	7	6	6
13	7	7	6	6	6	****	6	5	5	5	5	5	****	4	4	5	6	6	5	5	5	5	5	5	5
14	5	5	5	5	5	****	5	5	6	6	6	7	7	6	5	4	4	3	3	2	2	2	2	3	4
15	2	1	1	1	3	****	6	7	7	3	3	3	3	4	7	8	8	6	7	6	7	6	6	4	5
16	6	6	6	7	6	****	6	7	6	6	6	5	4	4	5	6	7	8	8	7	9	9	10	9	7
17	9	9	8	8	7	****	6	5	5	5	5	6	6	6	7	8	8	7	7	8	7	7	6	7	6
18	6	5	5	5	5	****	4	5	5	5	5	5	4	4	4	5	7	9	8	8	9	5	4	4	4
19	6	4	5	4	4	****	5	5	5	5	6	5	4	4	3	4	4	4	4	4	4	5	4	4	4
20	5	5	4	2	1	****	1	2	2	1	****	****	0	****	2	4	6	6	6	5	5	5	5	5	4
21	4	2	2	2	3	3	5	6	7	8	8	7	7	6	6	6	7	****	****	****	****	5	6	6	5
22	5	5	5	5	4	****	5	5	5	4	4	4	3	3	2	4	5	6	6	6	6	6	6	6	5
23	6	6	6	4	4	****	5	6	6	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	5
24	5	4	4	5	5	****	5	5	5	6	6	6	6	6	7	7	8	8	8	9	9	9	8	8	7
25	7	7	7	6	6	****	5	6	6	6	6	5	4	4	3	4	4	5	5	5	4	4	4	4	5
26	4	3	3	3	3	****	4	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	4
27	5	4	3	3	4	****	4	5	5	5	5	5	5	5	4	5	5	5	6	5	5	5	4	4	5
28	4	4	4	3	2	****	3	5	6	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29																									
30																									
MEAN	5	5	5	4	4	3	5	5	5	5	5	5	4	5	5	5	6	6	6	6	6	6	6	6	5

- DATA MISSING -

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP	16	3	6	10
OCT	29	4	8	12
NOV	29	5	7	10
DEC		DATA MISSING		
YEAR	74	4	8	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM OAMST NO 29025

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG		DATA MISSING						
SEP	45	134	146	8	0	0	0	333
OCT	63	167	306	86	7	0	0	629
NOV	11	85	435	102	0	0	0	633
DEC		DATA MISSING						
YEAR	119	386	887	196	7	0	0	1595

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
73	0	1.3	2.9	4.0	4.9	6.4	7.3	8.4	8.9	12	4.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	5	5	4	4	4	4	6	6	5	4	4	4	5	4	4	6	5	5	6	6	6	5	5	5	5

PERCENTAGE OF DATA VALID - 32

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	6	5	6	6	6	8	11	9	5	5	3	3	2	2	3	3	5	5	5	7	7	9	6
2	8	6	5	4	4	6	7	5	5	5	6	5	5	5	4	4	5	4	4	3	3	3	3	2	5
3	1	1	0	0	0	0	1	1	1	2	2	2	3	3	4	4	4	4	3	3	3	2	2	2	2
4	1	1	0	0	0	1	2	1	2	3	3	4	4	3	4	4	4	4	4	4	4	4	4	3	3
5	2	1	1	1	1	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	11	8	8	8	7	8	9	10	10	8	6	5	6	6	6	6	6	10	10	9	8	10	12	12	6
7	6	6	7	7	6	7	8	10	10	9	9	8	6	5	6	6	7	9	10	12	11	11	12	11	8
8	10	11	9	10	9	8	9	9	9	9	9	9	10	12	13	12	11	8	7	6	6	5	5	5	9
9	5	5	4	4	3	4	4	4	4	5	5	5	6	6	6	6	6	5	5	5	5	5	5	5	5
10													- DATA MISSING -												
11																		7	8	10	9	9	9	8	7
12	5	6	8	7	6	8	10	10	9	8	10	9	8	6	6	7	8	9	10	11	12	10	10	9	8
13	9	9	8	6	6	6	7	7	8	6	6	7	8	10	11	10	10	10	10	9	8	8	9	8	8
14	8	8	6	5	6	7	8	8	7	7	6	6	6	7	7	12	12	12	12	12	11	11	11	11	9
15	10	10	10	10	9	10	10	10	13	13	12	12	9	9	9	10	11	11	11	11	11	11	11	10	11
16	10	10	10	12	11	11	11	11	12	13	13	13	10	10	10	10	10	11	12	13	12	11	9	9	11
17	10	10	8	7	7	7	7	7	8	11	12	13	12	13	13	13	13	13	13	12	11	10	10	10	10
18	10	10	9	9	10	10	10	10	10	9	9	8	9	9	9	9	7	7	7	6	5	5	3	2	8
19	2	2	1	1	1	2	3	3	3	4	4	4	5	5	5	5	5	5	5	4	4	4	5	4	4
20	4	4	4	3	3	4	4	4	3	2	2	2	2	2	2	3	4	5	4	4	4	4	5	5	3
21	5	4	4	4	4	3	5	6	5	4	4	4	4	3	3	4	5	6	6	8	7	6	6	5	5
22	4	3	2	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4
23	3	3	3	3	2	3	3	3	3	3	1	1	1	2	2	1	1	3	2	2	2	2	2	3	2
24	3	3	2	2	1	2	2	2	2	2	3	3	5	4	4	5	6	6	5	5	5	5	5	5	4
25	4	4	4	3	4	4	3	3	4	4	4	4	4	4	4	6	7	8	8	6	6	7	6	6	5
26	6	4	4	3	2	3	5	6	3	6	5	5	5	5	5	5	5	6	7	8	6	6	6	4	5
27	3	3	2	1	2	4	4	4	4	4	4	4	4	4	3	3	3	3	2	2	2	2	2	1	3
28	1	1	1	1	2	2	3	3	2	2	1	1	0	0	0	0	1	1	1	2	2	2	2	2	1
29	3	2	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2
30	2	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1
MEAN	6	5	5	4	4	5	5	6	6	6	6	5	5	5	5	6	6	6	7	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	1	1	2	2	2	1	1	2	1	1	1	2	2	2	3	3	3	3	2	2
2	1	1	1	1	1	1	1	3	3	3	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11	3	3	3	2	3	3	2	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	2	3
12	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31																									
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	4	4	5	5	5	5	4	4	3
2	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
3	4	4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
7	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8													- DATA MISSING -												
9													- DATA MISSING -												
10	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	4	3	3	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23													- DATA MISSING -												
24													- DATA MISSING -												
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	3	3	2	2	2	2	2	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	4	4	3	3	2	3	3	4	5	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	4	4	4	4	3	3	4	4	3	2	3	3	3	3	3	4	3	3	3	3	3	4	4	3	3
21	3	3	3	3	3	3	3	3	4	4	3	3	3	4	3	4	3	3	3	3	3	3	3	3	3
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	2	3	3	3	3
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	4	3	3	3	4	4	4	4	4	5	4	4	4	4	4	3	3	3	3	3	3	3	3	4
25	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
26	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2
27	2	2	1	1	1	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	2	3	2	2
28	2	2	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2
29	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
30	2	2	2	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	1	2	2
31	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	3	3	3	3	3	3	2	2	2	3
MEAN	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 55

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG	11	5	9	16
SEP	29	6	11	13
OCT	16	3	4	5
NOV	25	3	4	5
DEC	18	3	4	5
YEAR	99	4	11	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG	43	43	90	48	15	5	0	244
SEP	64	146	217	163	63	0	0	653
OCT	22	234	67	0	0	0	0	323
NOV	40	344	96	0	0	0	0	480
DEC	13	323	77	0	0	0	0	413
YEAR	182	1090	547	211	78	5	0	2113

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
57	0	1 1	2 1	2 7	3 6	7 7	9 6	11 2	12 1	16	3.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14	3	3	2	2	2	3	4	6	10	10	8	8	7	10	11	12	11	11	12	12	11	10	10	9	8
15	8	6	3	2	1	3	4	5	5	6	12	14	16	15	13	14	12	12	12	10	10	10	8	9	
16	7	5																							
17	2	2	1	1											7	10	11	11	10	9	7	5	3	2	
18																									
19																									
20													7	8	8	9	9	9	8	8	8	8	8	8	
21	8	7	6	6	6	6	8	8	8	8	8	9	10	11	10	11	11	11	12	6	4	3	3	2	
22	1		0	1	1	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27												2	2	2	2	3	3	4	3	3	2	2	1	1	
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	5	5	2	3	2	4	5	6	6	7	8	7	8	9	7	9	9	9	8	7	7	6	5	5	

PERCENTAGE OF DATA VALID - 18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3	6	4	4	5	4	5	7	10	14	19	19	15	14	14	16	16	17	16	15	14	12	11	10	10	12
4	9	8	7	6	6	6	6	6	7	8	9	9	11	12	12	13	14	13	11	11	10	10	10	9	10
5	8	8	7	7	6	5	5	5	7	8	10	11	9	8	7	7	7	7	6	6	5	3	3	2	7
6	2	1	1	1	1	1	2	2	2	2	2	3	3	3	2	3	3	3	4	4	4	4	4	4	3
7	4	4	4	4	4	4	4	3	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2
8	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	3	3	4	5	5	5	5	2
9	5	5	5	5	5	6	7	9	9	8	6	6	7	7	7	8	9	8	7	7	6	7	6	6	7
10	5	5	5	5	5	6	7	9	9	8	6	6	7	7	7	8	9	8	7	7	6	7	6	6	7
11	6	6	6	5	5	6	8	7	6	5	5	5	5	5	6	6	6	6	5	4	4	3	3	2	5
12	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	5	4	4	4	4	4	5	5	6	6	6	6	7	7	8	9	9	9	8	7	6	6	6	5	6

PERCENTAGE OF DATA VALID - 30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D O H BATHURST & WILSON

NO 34007

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25	7	6	6	6	5	4	4	4	4	4	5	5	4	4	4	4	5	5	5	5	5	5	6	7	5
26	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	2	2	2	2	2	3	3	3	3	4
27	2	2	2	2	1	1	1	1	2	1	2	2	2	2	2	3	3	3	3	2	2	2	3	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	1	1	2	2	2	3	2	1	1	1	2	2	3	3	4	4	4	4	4	4	4	3
30	3	3	3	3	3	4	4	2	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	2
MEAN	3	3	3	3	3	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D O H BATHURST & WILSON

NO 34007

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1										
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													1	1	1	2	2	2	2	2	2	1	1	1	5
7	1	1	1	1	1	1	2	3	4	3	3	3	4	4	4	3	3	4	4	4	4	4	4	4	3
8	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3										
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13	6	6	6	6	6	6	5	6	5	5	5	5	4	4	5	4	4	5	5	5	6	6	6	7	5
14	4	4	3	3	4	4	4	5	5	5	5	4	4	4	3	4	5	5	4	4	4	4	4	4	4
15	4	3	3	2	2	2	3	3	3	4	2			4	4	4	3	3	3	3	3	2	2	2	3
16	2	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1
17	1	1	1	1	1	1	0	0	1	1	1	1	3	3	2	3	4	4	4	3	3	3	2	2	2
18	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	4	3	2
20	3	3	3	3	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
21	2	3	3	3	2	2	2	3	3	3	3	3	2	2	2										
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	3	2	2	2	2	2	2	3	3	3	3	3	2	3	3	3	3	4	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - D.O.H. BATHURST & WILSON

NO 34007

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP	10	6	9	16
OCT	11	6	12	19
NOV	7	3	4	7
DEC	14	3	5	7
YEAR	42	4	12	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	DATA MISSING							
JUN	DATA MISSING							
JUL	DATA MISSING							
AUG	DATA MISSING							
SEP	10	41	19	41	19	4	0	134
OCT	39	36	66	51	12	23	0	227
NOV	16	97	37	2	0	0	0	152
DEC	82	114	74	1	0	0	0	271
YEAR	147	288	196	95	31	27	0	784

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
26	0	0.5	1.6	2.7	4.5	9.0	11.3	14.8	15.8	19	4.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	6	6	6	5	5	5	4	5	6	6	7	7	7	7	6	7	6	7	6	6	6	6	6
2	7	7	6	6	6	6	6	6	7	7	6	6	6	5	7	7	7	7	7	8	8	7	7	8	7
3	8	8	8	8	8	9	9	10	***	***	***	***	***	5	7	8	9	9	6	6	5	5	5	5	7
4	5	5	4	4	4	4	5	6	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13	3	4	4	4	4	4	6	4	5	***	5	5	5	6	6	7	7	7	6	6	5	5	6	6	5
14	5	5	4	4	5	7	7	12	13	8	5	4	5	5	5	5	6	5	3	3	3	2	2	3	5
15	2	2	2	1	1	1	1	2	2	2	2	3	3	4	4	3	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	3	1	1	1	0	***	***	***	***	2
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
19	6	5	5	5	5	5	5	6	7	6	6	7	7	8	7	8	9	8	7	7	7	8	8	8	7
20	8	7	6	6	6	6	7	8	8	7	7	7	8	9	9	8	8	8	8	7	6	6	6	6	7
21	5	5	5	5	5	5	6	6	6	***	***	4	4	4	4	4	6	5	4	3	3	3	3	3	4
22	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	2	2	2	2	2	2	2	3	2	2	3	3	4	4	4	5	5	5	5	4	5	5	5	3	3
24	3	2	2	2	2	2	3	4	4	3	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4
25	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	3	3	3	3	2	2	4
26	2	2	2	1	1	1	2	3	4	4	4	3	3	4	4	4	5	4	4	3	3	3	2	2	3
27	2	2	2	2	2	2	3	4	5	5	5	8	***	6	4	4	5	4	3	3	3	3	3	2	4
28	2	3	4	4	3	3	3	4	4	4	4	4	3	4	4	4	5	5	5	4	4	3	4	4	4
29	5	5	5	5	4	4	5	4	3	4	5	5	5	6	5	5	4	5	4	4	4	5	4	4	5
30	4	4	4	5	4	5	4	4	4	5	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4
31	4	4	4	4	6	6	6	6	5	5	4	4	3	3	3	4	6	6	7	5	5	5	6	5	5
MEAN	4	4	4	4	4	4	4	5	5	4	4	5	5	5	5	5	6	5	5	4	4	4	4	4	5

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	3	4	5	6	6	5	5	5	5	5	5	6	6	5	5	4	5	5	5	5
2	4	4	4	4	4	4	4	5	6	5	6	6	6	7	6	6	7	7	6	7	6	6	7	7	6
3	6	5	5	4	4	4	5	7	7	6	6	7	8	6	7	7	9	8	7	7	6	6	6	5	6
4	5	5	5	4	5	5	5	5	5	4	***	***	4	4	4	4	5	4	3	2	2	2	2	2	4
5	2	2	2	2	2	1	2	3	3	3	3	3	4	3	3	3	2	2	2	3	3	2	2	2	2
6	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	3	4	4	3	3	2	2	2	2	3
7	2	2	1	1	2	2	3	4	5	4	3	3	3	3	3	3	9	3	3	3	3	2	3	3	3
8	3	4	3	3	3	4	3	9	7	7	6	4	2	3	2	2	4	8	5	4	4	3	4	4	4
9	4	4	3	2	2	2	4	5	7	8	6	5	5	5	5	5	7	4	4	5	7	8	9	5	5
10	9	7	9	6	6	7	8	10	12	10	8	6	5	4	3	2	4	3	3	3	4	5	4	4	6
11	4	4	5	3	4	6	6	7	7	4	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4
12	4	4	3	3	2	2	3	4	4	4	4	4	5	5	4	5	5	7	9	9	7	6	8	10	5
13	7	7	6	7	6	7	7	7	6	5	5	6	6	5	6	6	6	6	6	6	5	4	4	5	6
14	4	4	4	4	4	4	4	5	5	5	4	4	5	4	4	4	5	4	5	4	4	3	3	4	4
15	4	4	4	4	4	5	4	5	6	6	5	6	5	5	5	6	6	5	4	4	4	4	4	4	5
16	4	4	3	3	3	4	4	5	6	6	6	6	6	6	6	7	6	5	4	4	4	4	4	4	5
17	4	3	3	3	4	4	5	5	6	7	6	5	5	5	5	6	6	6	6	5	4	4	3	3	5
18	2	2	2	3	3	4	3	4	4	2	4	4	4	4	4	5	6	4	4	4	4	4	4	4	4
19	4	5	5	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	3	2	2	2	3	4
20	3	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	5	4	4	4	4	4	5	3
21	3	2	2	2	2	2	3	4	4	3	3	4	4	5	5	6	7	4	4	4	3	3	3	3	4
22	3	3	3	3	3	3	3	3	4	4	4	4	3	4	3	4	7	5	5	4	3	3	3	3	4
23	3	3	3	3	3	3	3	3	3	3	2	3	4	4	4	5	8	9	5	8	6	6	5	6	4
24	3	4	4	4	3	5	6	6	6	5	5	5	5	5	6	6	7	7	6	6	5	5	5	5	5
25	5	5	4	4	3	3	4	6	5	6	4	4	4	4	4	4	6	5	4	4	4	4	4	4	5
26	5	5	4	4	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	5	5	4	4
27	4	4	4	3	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	1	3	3	3	2	2
28	2	2	2	2	2	2	4	4	***	6	3	3	3	3	3	6	8	10	7	7	7	10	8	11	5
29	10	7	4	4	4	5	6	8	9	7	6	5	4	4	4	4	6	5	4	5	4	5	7	8	6
MEAN	4	4	4	3	3	4	4	5	5	5	4	4	4	4	4	4	5	6	5	4	4	4	4	5	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	3	4	4	5	6	11	10	8	7	6	7	8	7	7	9	8	8	7	5	7	7	7
2	6	4	4	3	3	4	4	4	5	5	4	4	5	5	5	5	6	5	5	5	4	4	4	3	4
3	3	3	3	2	3	2	3	4	5	4	3	4	4	4	4	4	4	4	3	2	2	2	2	2	3
4	3	3	2	2	1	2	2	2	3	2	2	3	3	3	3	3	2	2	2	2	3	3	3	3	2
5	3	3	3	3	2	1	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2
6	2	2	2	2	4	3	4	5	4	4	2	2	3	3	2	2	3	1	1	0	0	0	0	0	3
7	1	1	1	1	1	1	1	1	2	3	4	4	3	4	5	5	4	4	4	4	3	4	4	4	4
8	4	4	4	3	3	3	4	4	4	3	3	3	4	4	4	4	4	4	3	3	3	2	4	4	4
9	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	5	4	5	4	4	5	0	3
10	5	5	4	3	3	3	3	5	6	4	4	3	3	4	5	4	5	3	3	2	2	1	1	0	3
11	0	0	0	1	1	1	1	1	1	0	1	1	1	2	3	3	3	3	6	6	4	5	5	8	2
12	8	10	6	8	7	4	4	4	4	4	4	4	5	5	5	6	6	6	5	5	5	5	5	5	5
13	4	4	4	4	4	4	4	5	5	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4
14	4	4	4	3	3	3	3	3	4	5	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4
15	5	5	6	6	6	6	7	7	9	8	7	6	6	5	5	7	7	7	6	5	4	5	5	5	6
16	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	6	6	6	5	5	4	4	4	4	5
17	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	4	4	4	4	3	3	4
18	4	2	2	2	1	1	1	2	1	2	2	2	3	3	3	3	3	3	3	3	3	4	3	3	2
19	2	2	2	2	2	2	2	5	7	5	4	4	3	4	4	4	7	9	8	5	5	4	4	4	4
20	2	2	2	2	2	2	2	5	7	5	4	4	3	4	4	4	4	9	8	5	5	4	4	4	4
21	4	3	4	3	3	4	5	6	6	5	5	4	4	4	4	4	4	4	4	3	3	3	3	3	4
22	2	2	3	3	3	3	3	4	4	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
23	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	3	2	2	2	2	2	2	2
24	2	2	2	1	1	1	2	3	3	3	2	3	3	3	3	4	4	4	4	4	3	4	4	3	3
25	3	3	2	3	2	3	3	3	2	2	3	3	3	3	3	6	4	4	4	4	4	4	4	4	3
26	3	3	4	4	3	5	3	3	3	2	3	3	3	3	3	3	3	4	4	3	3	3	3	4	4
27	3	3	3	3	3	3	3	5	6	4	3	3	3	3	3	3	6	5	4	4	3	3	3	4	4
28	4	3	3	3	2	2	3	3	4	4	3	3	4	3	3	3	4	3	3	3	3	3	3	4	3
29	3	2	2	2	2	2	3	4	4	3	3	3	4	3	4	4	5	5	4	3	3	2	1	1	3
30	2	1	1	2	1	1	1	1	1	1	1	2	1	1	3	3	3	4	4	4	4	4	6	5	2
31	4	5	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	4	4	4	3	4	4	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	4	3	4	4	4	4	5	5	4	4	4	5	4	5	6	5	5	5	5	5	4
2	4	4	4	3	3	3	3	7	3	4	4	4	4	5	5	5	6	6	5	5	6	6	3	3	5
3	5	5	5	5	5	5	5	5	6	6	6	6	5	5	5	5	4	4	4	3	3	4	5	3	4
4	5	4	4	4	3	3	3	4	4	5	5	5	5	5	5	5	3	5	5	3	3	3	3	3	3
5	5	2	3	3	1	2	3	3	3	3	3	3	3	3	3	3	3	5	5	3	3	3	3	3	4
6	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	3	4	2
9	4	4	3	3	2	2	2	3	2	2	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3
10	2	2	2	2	2	2	3	4	4	5	5	5	5	5	4	4	4	3	3	3	3	3	3	3	3
11	5	6	6	5	5	5	7	6	6	5	5	5	4	4	4	4	5	4	4	4	3	4	4	5	5
12	5	4	4	4	4	4	4	4	5	5	4	4	4	4	4	5	6	5	5	4	4	4	4	4	4
13	4	4	4	4	5	7	5	6	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	5
14	3	3	2	2	2	2	2	3	3	3	4	4	4	4	4	3	4	4	3	3	3	3	3	3	3
15	3	3	3	3	3	4	6	7	6	7	7	8	8	6	5	5	5	6	5	5	6	5	5	4	5
16	4	3	3	3	3	3	3	3	2	3	3	3	3	3	4	4	4	4	3	3	3	3	4	4	3
17	4	4	4	4	4	5	7	9	9	9	5	5	4	4	4	4	5	5	5	5	5	5	4	4	5
18	4	3	3	3	3	4	4	5	4	4	3	3	3	3	3	3	4	3	3	4	5	4	4	6	4
19	4	4	4	3	2	2	2	3	8	4	2	2	3	3	3	4	6	5	4	3	3	2	1	1	3
20	1	1	1	1	1	1	1	2	2	3	4	4	4	4	4	4	4	5	5	4	5	4	4	3	3
21	3	3	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	3	3	3	2	4
22	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	2	2	2	2	2
23	2	3	2	2	3	3	3	3	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
24	2	2	1	1	1	2	2	2	3	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2
25	2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	2	3	3	3	3	5	4	4	5	5
26	8	7	5	4	4	4	4	5	7	5	5	4	3	3	3	3	4	4	4	4	4	4	4	4	5
27	4	4	4	4	4	4	4	4	5	5	5	2	2	3	2	2	2	2	2	3	3	3	3	3	5
28	10	9	9	8	5	4	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	5
29	5	9	9	8	7	6	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4
30	3	4	3	3	3	3	3	3	3	3	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4
MEAN	4	4	4	3	3	3	3	4	4	4	4	4	4	4	3	4	4	4	4	3	4	4	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	3	4	6	6	5	4	3	4	4	4	4	5	5	5	4	4	4	5	6	5	4
2	5	5	4	4	5	6	6	6	5	6	6	5	5	6	6	6	6	6	6	6	6	6	7	4	6
3	6	6	3	3	5	4	5	7	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	5
4	6	6	6	5	4	4	4	5	6	6	4	4	4	3	4	4	4	3	4	4	4	4	4	4	5
5	8	8	6	4	4	4	7	9	9	9	8	7	5	5	5	5	4	4	4	4	4	4	4	4	6
6	5	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
7	DATA MISSING																								
8	DATA MISSING																								
9	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	4	4	3	3	3	3	3
10	4	5	5	4	4	5	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	5	6	3	4	5	6	9	5	5	4	4	5	5	5	5	5	5	5	4	4	4	4	5	5	5
12	5	5	5	5	4	5	6	5	5	4	4	4	5	5	6	7	5	4	4	4	4	4	5	5	5
13	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	6	5	7	6	5	5	5	5
15	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	7	7	6	6	7	7	8	8	8	5
16	6	5	5	5	5	6	6	7	7	7	6	7	6	6	7	7	7	7	8	7	7	8	7	8	7
17	10	8	9	8	7	7	8	10	5	6	5	5	5	5	4	5	4	4	3	3	3	3	4	4	6
18	4	4	3	4	4	5	7	9	13	7	7	7	8	7	7	7	7	6	6	6	5	5	5	4	6
19	4	4	4	4	4	5	6	8	7	5	5	6	6	6	5	5	5	5	6	5	5	5	5	5	5
20	6	5	4	4	4	4	4	5	5	5	5	4	5	4	4	4	4	4	4	4	4	4	4	4	4
21	4	4	6	4	4	4	5	7	5	5	5	5	5	5	5	5	5	4	5	5	7	6	5	4	5
22	3	3	3	3	2	3	4	4	3	3	3	3	4	3	3	3	4	4	4	5	5	5	5	5	4
23	5	5	4	4	4	4	5	5	5	5	7	8	5	6	5	5	4	4	4	4	6	5	5	5	5
24	5	4	4	5	4	6	9	12	14	7	6	5	4	5	5	5	4	4	4	5	5	4	5	5	6
25	5	4	4	4	4	4	6	6	4	4	4	4	4	4	4	4	5	5	4	5	4	4	4	3	4
26	3	3	3	3	3	4	4	4	4	4	4	5	4	4	4	5	5	4	4	4	4	4	4	4	4
27	4	4	4	4	4	4	5	5	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4	5	4
28	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	4	4	5	4	4	4	5	4	4	4
29	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	6	6	5	5	5	5	4	4	4	4
30	4	4	4	4	4	4	4	5	5	4	5	5	5	4	5	5	6	7	5	4	4	4	4	4	5
31	4	3	3	3	3	3	4	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5	4	5
MEAN	5	4	4	4	4	5	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	4	4	6	5	7	7	6	5	4	4	6	6	6	6	5	5	6	7	5	5
2	5	5	4	6	5	5	7	6	5	5	6	5	4	4	5	5	5	5	5	5	7	8	5	5	5
3	4	4	4	3	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	6	6	5	5
4	6	6	5	5	5	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	5
5	4	5	5	5	5	4	5	6	5	5	5	5	5	6	6	6	5	5	6	5	5	5	5	5	5
6	4	4	4	4	3	4	4	5	5	5	7	7	6	6	6	7	6	6	6	6	6	6	7	9	6
7	9	11	9	8	7	7	7	8	7	6	5	5	5	5	5	6	5	5	5	5	5	5	5	5	6
8	5	4	4	4	4	4	4	7	5	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	4	5	5	6	6	5	5	5	5	5	5	5	6	5	5	5	4	4	3	3	3	5
10	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	3	4	5	5	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3
12	4	4	3	3	3	3	4	4	4	4	5	5	5	5	5	6	7	7	8	6	6	6	6	5	5
13	5	5	5	5	5	6	7	9	10	5	4	4	5	5	5	6	6	5	5	4	4	4	4	5	5
14	5	5	5	5	5	4	4	4	5	6	6	6	6	6	6	8	7	6	6	6	6	6	6	5	6
15	5	5	5	5	5	4	5	5	6	6	6	6	6	5	5	5	5	5	4	5	6	7	6	4	5
16	4	3	3	3	4	4	4	6	5	5	5	5	5	5	6	7	7	6	5	6	6	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
18	7	7	7	7	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
19	7	7	7	7	6	6	7	9	8	8	6	6	6	6	6	7	7	7	7	7	7	8	8	8	6
20	6	5	5	5	5	5	5	5	5	5	5	6	6	7	7	7	6	6	6	6	6	6	6	6	7
21	9	8	6	5	5	5	5	6	6	5	5	5	5	5	5	6	6	6	5	5	4	4	4	4	5
22	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	6	5	5	5	4	4	4	4	5
23	4	4	3	3	3	4	4	4	4	4	5	5	5	5	5	5	7	7	6	6	6	6	6	6	5
24	6	6	5	5	5	5	5	6	5	6	6	6	6	6	6	7	7	6	6	6	6	6	6	6	6
25	7	6	5	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	6
26	6	6	6	6	6	6	7	8	8	7	7	7	7	7	7	8	8	7	7	7	7	7	7	7	7
27	6	8	8	7	6	8	9	10	9	7	7	6	6	6	6	6	6	6	6	6	7	7	7	7	7
28	6	6	6	6	6	6	7	8	8	8	7	6	5	6	6	6	6	5	7	6	6	6	6	6	6
29	5	5	5	4	5	6	7	8	8	7	6	7	7	6	6	6	6	7	8	8	8	8	8	8	6
30	6	5	5	5	6	5	6	7	7	6	7	7	8	8	8	8	8	7	8	10	14	12	11	9	8
MEAN	5	5	5	5	5	5	5	6	6	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	5

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	9	6	5	5	6	6	6	6	5	4	4	4	4	4	4	4	4	5	6	9	8	7	6	6
2	6	5	5	5	5	4	5	4	5	5	5	5	7	6	6	6	6	7	7	6	7	7	6	5	6
3	4	4	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	3	4
4	4	3	4	5	5	4	4	4	4	4	4	4	5	4	5	5	4	4	4	4	4	4	4	5	4
5	5	4	4	4	3	4	4	6	5	5	5	3	2	2	2	2	3	3	3	3	4	4	6	6	4
6	6	6	7	8	9	12	13	11	8	6	5	5	5	4	4	4	3	3	4	4	4	4	4	5	6
7	4	4	4	4	4	5	6	6	6	6	6	4	4	4	4	4	4	4	5	5	5	5	5	5	4
8	5	5	5	5	4	4	6	6	6	5	6	6	6	6	5	5	5	5	5	5	5	5	6	6	5
9	5	6	6	6	6	6	6	6	5	5	5	6	6	6	6	6	6	6	6	7	7	6	6	6	6
10	5	6	5	6	6	5	5	6	5	5	5	4	4	4	4	4	4	4	4	4	6	6	8	5	
11	11	7	6	5	5	6	7	7	6	6	5	5	4	4	5	5	5	5	5	6	7	8	8	10	6
12	13	8	5	4	4	5	6	7	7	6	5	5	5	5	6	6	5	5	5	5	5	5	5	5	6
13	5	5	6	6	5	5	6	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	7	7	6
14	7	6	6	6	7	7	6	7	6	7	7	7	7	7	8	8	7	7	7	7	6	7	6	5	7
15	5	5	5	5	6	7	6	5	6	7	7	7	7	8	8	8	8	9	8	7	8	9	7	7	7
16	8	7	6	6	5	6	5	5	5	5	5	6	7	6	6	6	6	6	6	7	8	8	8	9	6
17	8	8	8	8	9	10	10	11	9	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	7
18	6	6	5	5	5	5	6	6	6	6	6	6	7	6	8	9	7	8	7	7	7	6	6	6	6
19	7	7	6	6	6	6	7	7	7	6	6	6	6	7	7	8	7	7	8	7	7	6	6	7	7
20	6	6	6	6	6	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	7	7
21																									
22																									
23																									
24																									
25																									
26	5	5	4	4	4	5	5	6	5	5	6	6	5	6	5	6	7	6	5	6	5	6	6	5	5
27	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28																									
29																									
30	12	11	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
31																									
MEAN	7	6	5	5	5	6	6	6	6	6	5	5	5	5	6	6	5	5	6	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	6	6	6	7	8	7	7	6	6	6	6	6	6	6	7	6	6	6	6	6	7	7	7
2	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
3	6	6	6	6	5	6	7	7	11	7	7	6	7	7	5	6	7	5	5	5	10	9	4	4	6
4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4
5	7	5	6	6	6	8	12	9	6	5	5	5	5	6	6	6	4	4	4	4	5	5	5	5	6
6	6	5	4	4	4	5	5	5	5	5	4	4	4	4	4	4	5	5	5	5	6	6	6	5	5
7	5	5	5	5	5	6	7	6	6	6	7	7	6	6	6	6	6	6	6	6	6	6	5	5	6
8	5	5	5	5	5	5	7	6	6	5	5	5	5	5	6	6	5	5	4	5	5	6	6	6	5
9	4	4	4	4	4	4	4	5	6	6	6	5	5	5	5	5	4	4	4	4	5	6	7	10	5
10	12	11	10	10	10	9	10	12	7	5	5	5	4	4	4	5	5	5	5	5	5	5	4	4	7
11	4	4	4	4	5	6	7	7	6	6	6	6	6	6	6	7	7	5	5	6	5	5	5	6	6
12	6	8	9	11	7	6	6	6	6	6	6	7	7	7	6	6	6	8	8	8	7	7	7	7	7
13	8	8	8	10	11	10	11	11	8	6	8	8	6	6	6	6	6	7	7	7	7	7	7	7	8
14	6	6	8	7	6	6	7	10	11	7	8	10	10	8	8	8	8	9	9	8	7	8	7	6	8
15	6	5	5	5	5	5	5	5	5	5	5	5	6	5	5	6	5	5	5	5	5	5	4	4	5
16	4	4	4	4	4	5	6	7	5	5	5	5	5	6	5	7	7	6	6	7	9	8	9	10	6
17	7	6	6	6	6	7	9	10	9	8	11	7	7	7	7	8	8	7	8	11	11	8	8	8	8
18	9	9	8	7	7	7	9	10	10	11	8	8	9	9	8	9	8	9	8	8	8	8	7	6	8
19	7	6	5	5	6	6	6	7	6	6	6	7	7	7	7	6	6	6	6	7	9	8	6	7	6
20	7	8	8	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	8	8	8	7	6	7
21	6	6	6	5	6	7	7	7	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	6	7
22	6	6	6	6	6	6	6	8	7	7	7	7	7	7	8	8	8	7	7	7	7	7	7	7	7
23	7	7	7	7	6	6	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7
24	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25	6	5	6	6	5	7	9	8	8	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7
26	6	6	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6
27	7	6	8	8	8	6	6	6	7	7	7	6	6	5	5	5	6	6	6	6	6	6	6	6	6
28	5	4	4	4	4	7	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	10	7	7	6	6	6	12	12	9	7	6	7	6	6	6	6	5	4	4	5	6	7	6	5	7
31	5	5	5	5	4	6	8	8	7	6	6	7	6	6	6	6	6	6	6	7	8	7	7	7	6
MEAN	6	6	6	6	6	6	7	7	7	6	6	6	6	6	6	7	6	6	6	7	7	7	7	6	6

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	7	6	6	6	6	8	8	9	8	5	6	6	6	7	6	6	7	7	7	8	10	8	5	7
2	5	5	5	4	4	4	4	4	4	4	4	4	5	5	6	5	6	4	4	4	4	4	4	4	4
3	4	4	3	4	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	4	4	3	3	3	3
4	4	3	3	3	4	5	5	4	4	3	4	4	5	5	4	4	4	4	4	5	7	8	7	7	5
5	10	10	8	6	6	6	9	9	7	7	5	5	6	6	5	6	6	5	6	7	10	6	5	5	5
6	5	5	5	5	5	6	7	6	5	5	4	4	6	6	5	6	5	5	5	6	6	5	5	5	5
7	4	4	4	4	4	4	6	5	5	6	5	5	5	5	5	6	7	6	6	8	9	10	9	7	6
8	6	8	7	5	5	6	6	7	8	6	5	6	6	6	6	7	6	6	6	6	5	5	4	4	6
9	4	4	3	3	3	3	4	4	5	5	5	5	5	5	4	5	4	4	4	4	5	5	5	7	6
10	6	6	5	4	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	5	5	5	5	5	5
11	4	4	4	4	4	5	7	6	6	8	6	6	6	5	6	6	6	7	9	10	8	8	9	8	6
12	7	7	6	7	7	7	8	9	8	8	8	7	8	8	9	7	7	6	6	7	6	6	6	6	7
13	5	5	5	5	5	6	6	11	9	6	6	5	6	6	6	6	7	6	6	7	8	7	8	8	6
14	7	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	6	7	7	7	6
15	6	5	4	4	5	6	9	6	5	5	5	5	5	6	6	7	7	6	7	12	12	9	12	14	7
16	15	13	4	4	5	5	7	8	9	12	8	6	7	7	7	7	6	6	6	6	6	6	6	6	7
17	5	5	5	5	10	11	10	13	11	8	7	7	7	6	6	7	7	8	8	9	7	6	6	6	8
18	8	7	5	5	5	5	7	5	5	5	5	6	6	6	7	7	7	7	7	8	8	10	12	12	7
19	8	6	6	5	5	6	6	6	5	5	5	5	5	5	5	6	5	5	5	5	4	4	4	3	5
20	3	3	3	2	2	3	4	4	3	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	3
21	4	4	4	4	4	4	6	6	4	5	5	5	5	5	6	6	5	5	5	5	4	4	4	4	5
22	4	4	3	3	3	3	4	5	4	4	4	4	4	3	3	4	5	4	6	8	10	6	5	4	4
23	4	4	3	3	4	4	5	5	6	4	4	5	4	5	5	5	5	6	6	6	6	6	6	6	5
24	7	6	6	6	6	6	7	7	7	7	7	6	6	6	7	7	7	6	7	7	8	7	7	6	7
25	6	6	6	6	7	6	7	7	7	6	5	5	5	5	5	6	5	6	6	6	5	5	5	5	6
26	5	5	5	5	5	5	6	6	6	6	9	9	9	7	7	11	8	10	10	8	9	8	7	7	7
27	7	6	6	6	6	6	7	7	7	6	6	5	5	5	6	7	6	6	5	6	6	6	7	7	6
28	6	6	6	6	6	7	9	7	5	5	4	4	4	4	4	5	4	4	4	4	4	4	4	4	5
29	4	4	5	7	4	7	9	8	10	11	8	6	5	6	8	7	7	7	7	8	7	7	7	5	7
30	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5
MEAN	6	6	5	5	5	5	6	6	6	6	5	5	5	5	6	6	6	6	6	7	7	6	6	6	6

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	6	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	6	10	10	13	11	11	5	4	4	4	4	4	4	6	6	5	4	4	4	6
3	3	3	4	4	4	5	6	8	5	4	4	4	4	4	5	6	5	6	6	6	5	5	5	5	5
4	6	5	5	5	5	6	7	7	7	6	6	6	6	6	6	6	7	7	8	8	7	7	7	7	6
5	7	6	6	6	6	7	9	10	9	7	6	5	5	5	5	6	5	5	6	6	5	6	5	5	6
6	6	7	9	8	9	8	9	11	9	8	8	7	10	9	8	9	9	9	9	9	7	7	7	6	8
7	7	7	7	6	6	6	5	6	6	6	6	6	7	7	7	6	7	6	7	7	8	8	7	7	7
8	9	6	6	12	7	6	9	8	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
9	6	5	5	5	5	4	5	5	5	4	4	4	6	6	6	5	5	6	6	7	9	11	17	16	7
10	13	13	12	10	11	11	7	6	5	5	4	5	5	6	6	4	5	5	5	5	5	5	5	5	7
11	6	6	5	4	4	4	5	5	4	4	4	4	5	5	6	7	6	6	5	6	6	6	5	5	5
12	6	6	7	6	6	6	6	7	7	7	7	6	7	6	6	7	7	6	6	6	5	5	5	5	6
13	4	4	4	4	4	5	6	7	7	7	8	9	5	4	5	6	6	6	6	5	4	4	5	6	5
14	5	5	6	5	6	7	8	7	7	7	6	5	5	5	5	5	5	5	5	5	4	4	4	5	5
15	5	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5
16	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	7	10	6	5	5
17	5	5	5	4	4	4	4	4	4	5	5	5	5	5	5	6	5	5	6	6	6	5	5	5	5
18	4	4	4	4	5	4	4	4	6	7	6	5	3	3	3	4	4	3	3	3	3	3	3	3	4
19	2	2	2	2	2	2	4	4	5	5	4	4	4	4	4	4	4	4	5	5	5	5	5	6	4
20	9	7	5	5	3	6	10	12	6	4	4	4	3	3	3	5	4	5	5	6	5	4	4	4	5
21	3	3	3	3	3	3	4	4	5	4	4	4	4	4	4	5	5	4	4	4	4	4	5	5	4
22	5	4	4	4	4	4	5	4	5	5	5	5	5	5	5	5	5	6	7	7	7	7	6	5	5
23	5	4	4	4	5	5	6	8	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	6
24	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	5
25	4	4	3	3	3	3	4	5	4	5	5	5	4	4	5	6	4	4	4	4	4	4	3	3	4
26	3	2	2	3	3	3	4	5	4	4	4	4	5	4	5	5	4	5	5	6	5	6	6	4	4
27	6	6	6	5	5	8	9	11	7	5	5	5	4	4	5	7	8	7	9	6	6	6	6	5	6
28	5	6	5	5	5	6	6	6	6	8	8	8	9	10	10	10	9	9	7	7	7	7	8	6	7
29	7	5	4	4	4	4	4	4	4	4	4	5	5	5	5	5	6	5	5	5	4	5	5	5	5
30	5	5	4	4	4	4	5	5	7	7	5	4	4	5	5	5	5	4	4	4	4	3	3	3	5
31	2	3	3	3	3	2	3	3	3	3	4	4	3	4	4	4	5	4	3	3	2	2	2	2	3
MEAN	5	5	5	5	5	5	6	6	6	6	5	5	5	5	5	6	6	5	6	6	5	5	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	2	2	3	3	4	3	4	4	4	5	4	4	5	4	3	2	2	3	3	3	3
2	3	3	3	3	3	4	5	7	12	5	4	5	5	6	7	4	6	7	4	5	4	4	4	2	5
3	3	4	2	3	2	3	3	10	11	6	6	6	6	6	5	5	10	7	6	4	4	4	4	4	5
4	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	4	4	4	4	3	3	3	3	3	4
5	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3	3	3	3	3	3
6	2	2	1	1	1	2	3	3	5	3	3	2	5	5	5	5	8	8	6	6	6	7	7	7	4
7	6	6	5	5	4	4	5	5	6	5	5	5	5	5	5	5	8	5	5	5	5	5	6	4	5
8	6	6	5	5	5	5	6	6	6	5	5	5	5	5	5	5	6	6	5	5	4	4	4	4	5
9	4	4	4	4	4	4	4	4	5	5	5	5	6	6	6	6	6	5	4	4	4	4	4	3	5
10	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	7	6	6	6	6	6	6	6	4
11	5	5	5	4	4	4	4	4	4	4	5	4	5	5	5	5	5	5	5	6	6	6	5	4	5
12	4	4	4	4	4	4	4	4	4	3	8	5	4	3	3	3	4	4	4	4	6	6	6	4	4
13	5	5	4	4	3	3	3	4	4	5	4	4	4	4	4	4	4	5	3	4	3	3	3	2	4
14	5	5	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
15	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4
16	5	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	5	6	6	4	5	5	5	4	4
17	3	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	7	5	4	5	5	3	4	4
18	5	4	4	4	4	3	4	4	5	5	4	4	4	4	4	4	4	5	5	5	5	5	5	6	4
19	5	4	6	4	4	3	3	2	2	3	3	3	4	5	4	4	4	4	4	4	4	4	4	4	4
20	4	3	3	3	3	3	4	5	7	6	5	4	5	5	5	5	6	6	5	6	5	5	5	5	5
21	6	5	5	4	4	4	5	6	7	7	4	4	5	4	5	5	6	6	6	4	4	4	4	5	5
22	5	5	5	3	2	3	2	3	4	3	3	3	4	4	5	5	3	3	4	3	2	3	4	4	4
23	5	3	3	3	3	3	4	5	3	3	3	3	4	4	4	3	4	3	3	2	1	1	1	1	3
24	3	1	1	1	2	2	2	2	2	1	2	2	6	5	5	4	4	5	5	4	4	4	4	4	3
25	4	3	4	3	3	3	3	4	4	4	4	4	4	3	4	5	4	4	3	5	5	5	4	4	4
26	5	5	4	3	3	5	5	7	4	5	5	4	5	5	5	4	4	5	6	5	4	4	4	3	5
27	4	5	5	5	3	4	4	3	2	2	1	3	4	4	4	4	5	4	5	4	3	3	3	3	4
28	4	4	3	3	5	4	3	5	5	5	3	3	4	4	4	2	2	2	0	0	0	1	0	2	3
29	0	1	2	1	2	1	1	2	5	3	3	2	3	2	1	0	1	3	1	1	3	4	3	2	2
30	3	3	2	2	2	2	2	5	5	5	1	1	1	2	2	3	7	4	5	5	4	5	3	3	3
MEAN	4	4	3	3	3	3	4	4	5	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	5	3	3	2	3	3	3	2	2	2	3	3	4	10	4	6	5	4	3	3	3	3
2	3	3	3	3	3	4	3	7	7	5	4	5	2	2	4	2	4	5	4	3	3	3	6	4	4
3	3	4	2	3	2	3	3	4	5	6	6	6	6	6	5	5	7	7	6	4	4	4	4	3	5
4	2	2	2	2	2	2	3	4	3	3	3	3	3	3	3	5	4	3	2	2	2	2	2	2	3
5	2	2	3	3	3	3	4	4	4	3	3	3	2	2	2	3	3	3	3	4	3	4	5	5	3
6	5	5	4	3	2	2	2	2	2	1	2	2	2	1	1	2	2	2	2	1	1	1	1	1	2
7	1	1	0	0	0	0	0	2	4	3	1	1	1	2	2	2	5	2	2	2	1	2	2	3	2
8	3	2	3	2	2	2	3	3	5	4	4	3	4	3	4	6	7	5	4	5	6	4	5	4	4
9	4	3	2	2	2	2	2	3	3	3	4	5	5	5	6	5	5	4	4	4	3	3	3	4	4
10	3	4	3	3	2	2	2	2	1	2	2	3	2	2	2	1	1	1	1	2	1	1	1	1	2
11	1	1	1	1	1	1	2	3	3	4	3	1	2	2	3	3	3	3	2	2	1	2	3	3	2
12	2	1	0	1	1	1	1	2	1	1	2	2	2	2	4	5	6	3	3	2	2	1	1	2	2
13	0	1	1	0	1	1	3	1	1	3	4	4	5	5	6	5	7	5	5	3	3	4	4	3	3
14	2	2	3	3	4	2	3	4	5	6	6	6	6	5	5	3	4	4	4	4	4	5	6	6	4
15	5	4	4	2	2	2	4	3	3	3	4	3	4	4	5	7	8	6	5	4	4	3	4	4	4
16	3	3	2	2	2	2	2	3	2	3	3	3	4	4	5	4	5	5	4	4	4	4	5	6	4
17	6	6	6	6	5	5	4	4	4	6	6	6	7	7	6	6	6	6	5	5	4	4	4	4	5
18	4	4	4	5	5	6	5	4	4	3	3	3	4	4	4	6	5	5	4	5	5	7	6	6	5
19	5	5	4	3	4	4	4	4	3	3	2	2	5	5	4	4	4	4	4	2	2	3	4	5	4
20	4	5	4	3	3	3	4	6	6	5	6	7	6	6	6	7	8	8	6	4	4	3	3	3	5
21	3	3	3	2	2	2	2	4	5	8	4	4	4	4	4	4	8	7	9	11	7	8	9	8	5
22	5	4	3	3	3	3	4	5	8	6	8	8	9	10	12	11	13	12	12	11	10	8	6	7	5
23	6	5	5	5	4	4	4	4	4	5	5	5	6	5	5	6	6	6	5	5	5	5	4	4	4
24	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	6	6	6	4	4	3	4	4	4	5
25	4	4	4	4	4	4	4	5	5	5	5	5	6	5	5	6	6	6	6	6	4	4	4	4	5
26	4	4	4	4	4	4	4	6	5	5	5	5	6	5	5	6	6	6	6	6	4	3	2	3	5
27	3	4	4	3	3	3	3	3	2	3	3	3	2	4	3	5	5	4	6	5	5	4	3	4	4
28	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	4	4	4	4	4	4	4	5
29	3	3	2	2	2	3	3	4	3	3	3	3	1	1	1	3	4	4	3	2	2	3	3	3	3
30	4	2	2	2	1	1	2	2	2	2	1	1	2	3	3	4	4	8	11	4	3	4	4	3	3
31	3	3	3	3	2	4	3	5	5	5	4	4	4	4	4	3	3	3	3	2	2	1	3	3	3
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	5	7	13
FEB	29	4	6	12
MAR	31	4	7	11
APR	30	4	5	10
MAY	30	5	7	14
JUN	30	5	8	14
JUL	26	6	7	13
AUG	31	6	8	12
SEP	30	6	8	15
OCT	31	5	8	17
NOV	30	4	5	12
DEC	31	4	7	13
YEAR	352	5	8	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	11	135	334	10	0	0	490
FEB	7	223	445	18	0	0	693
MAR	58	311	365	10	0	0	744
APR	36	305	361	7	0	0	709
MAY	0	57	618	11	0	0	686
JUN	0	64	625	20	0	0	709
JUL	0	20	488	24	0	0	532
AUG	0	4	671	63	0	0	738
SEP	0	46	622	47	0	0	715
OCT	0	60	631	44	2	0	737
NOV	30	221	450	4	0	0	705
DEC	63	274	386	14	0	0	737
YEAR	205	1720	5996	272	2	0	8195

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93	0	2.0	3.3	4.1	5.1	6.6	7.5	8.9	10.0	17	4.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	3	2	2	2	1	2	2	2	2	2	2	3	5	7	8	7	8	8	8	8	7	7	5
2	7	7	6	5	5	4	4	4	4	4	5	4	4	4	4	5	5	5	5	5	4	5	4	3	5
3	2	2	2	2	1	1	2	2	2	3	2	6	6	6	5	7	7	6	4	4	4	3	3	3	4
4	2	2	2	2	2	2	2	3	3	3	3	4	5	5	5	5	6	7	7	7	7	7	6	7	4
5	6	6	6	6	6	6	6	7	7	7	3	2	2	1	2	2	3	6	4	5	5	5	7	4	5
6	3	3	2	1	1	2	1	2	3	2	2	1	1	3	3	3	4	4	4	4	4	4	4	4	3
7	3	3	2	2	2	2	2	3	2	2	2	2	3	2	2	2	4	5	4	4	3	4	4	5	5
8	6	8	5	3	3	3	3	4	4	3	2	2	3	2	4	5	6	6	6	6	7	7	8	7	6
9	7	7	7	8	8	6	5	4	3	3	3	2	4	4	4	5	6	7	8	7	8	8	7	7	6
10	7	6	6	6	7	8	8	9	9	7	2	2	6	5	4	4	5	5	5	6	6	6	7	7	6
11	7	5	5	4	3	2	2	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	2	4	3	2	2	2	2	2	2	2	2	2	2	3	2	2	3	5	3	2	2	2	2	2	2
16	2	3	3	3	2	2	2	2	2	2	2	2	2	3	2	2	3	4	3	2	3	3	3	3	3
17	3	6	6	6	6	6	6	6	7	7	5	5	5	6	5	6	6	5	6	6	7	7	6	6	6
18	4	5	5	4	4	5	5	5	5	5	5	5	5	6	5	6	6	6	6	4	4	4	4	4	4
19	4	4	3	2	2	2	2	3	3	1	3	2	1	2	2	2	4	3	2	2	2	2	2	1	2
20	2	2	1	1	1	1	1	1	1	1	2	3	3	3	2	1	3	3	3	3	3	4	5	5	2
21	6	6	5	4	5	5	5	5	6	6	6	6	8	6	6	6	6	6	5	5	5	5	4	4	5
22	4	4	4	4	4	5	5	5	5	5	5	5	5	8	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	6	10	9	9	9	9	4	3	2	2	3	3	3	3	4	6	4	3	4
24	3	2	0	0	0	0	0	0	0	0	0	0	2	5	5	5	5	7	6	6	6	7	7	7	3
25	7	7	7	6	6	6	6	7	7	7	0	0	1	3	3	3	1	3	5	4	4	4	3	4	4
26	3	3	3	3	4	3	3	3	3	3	2	1	2	2	3	2	2	4	4	6	6	6	5	5	3
27	4	4	4	4	4	3	3	3	3	3	1	0	0	1	1	1	0	1	2	3	3	4	2	3	2
28	2	4	1	1	0	0	0	1	1	1	2	3	2	3	3	4	4	3	5	5	5	9	6	5	3
29	4	2	0	0	0	0	0	0	0	0	0	0	0	2	3	6	4	5	4	5	4	5	4	4	2
30	2	2	2	3	3	2	2	2	1	0	0	2	2	2	2	4	5	7	5	5	6	8	7	7	3
MEAN	4	4	3	3	3	3	3	3	3	2	2	3	3	3	3	4	4	5	4	4	5	5	5	4	4

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	7	6	6	6	6	6	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	3	3	3	3	2	2	1	1	0	4	5	4	5	5	6	6	6	6	5	5	5	4	4	4	4
5	3	4	4	4	3	3	3	3	3	3	6	3	3	6	6	6	6	6	5	6	5	5	5	6	4
6	6	4	4	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	6	6
7	6	5	5	5	4	4	4	5	6	3	4	4	4	3	2	3	4	6	3	2	1	2	2	3	4
8	3	2	2	2	2	2	2	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	5	6	6	5	4	4	4	4	3	3	1	0	0	2	3	3	4	6	6	8	8	8	0	0	4
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	4	3	3	4	4	4	4	4	3	2	2	1	1	2	3	2	3	4	3	2	2	3	4	6	3
16	2	0	0	0	0	0	0	0	0	3	2	2	2	3	3	3	3	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	4	4	3	3	3	3	4	6	4	1	1	0	0	2	5	6	7	7	4	4	6	8	7	7	4
19	6	7	5	4	4	4	3	3	3	3	2	2	3	2	2	2	1	1	0	1	1	2	0	1	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	1	1	2	2	1
21	2	2	2	1	1	1	2	3	4	0	2	3	5	4	3	3	4	0	0	0	0	0	0	1	3
22	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	4	6	7	5	5	3	3	2	0
23	1	1	1	1	1	2	1	1	1	0	0	0	1	1	0	2	3	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	4	3	3	2	2	2	0	2	6	6	5	5	10	6	11	0
25	7	7	5	5	4	3	3	5	3	0	5	5	0	0	0	0	0	6	6	6	9	8	8	8	0
26	7	7	7	5	5	5	5	6	5	5	5	4	4	6	7	7	8	6	5	0	0	0	0	0	6
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	7	5	4	4	4	3	3	2	4	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	4	4	4	4	3	3	3	4	3	3	3	2	3	3	3	3	4	5	4	4	4	6	5	5	4

PERCENTAGE OF DATA VALID - 59

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9	1	2	2	2	2	2	4	4	4	3	3	2	3	2	2	1	2	1	0	0	0	1	1	1	
10	5	4	3	2	2	2	3	4	4	1	1	0	1	1	2	1	2	1	3	3	4	6	5	5	4
11																									
12	5	6	4	3	4	4	4	3	3	3	3	3	3	4	1	4	1	1	3	5	5	4	4	5	
13	3	3	3	3	2	3	3	3	4																4
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22																									
23	2	1	1	1	1	2	3	3	4	2	3	5	6	5	5	4	5	6	1	5	6	6	4	5	4
24	5	6	6	6	6	6	6	6	6	6	6	1	2	3	3	3	3	4	1	2	2	3	2	6	4
25	3	6	5	1	2	2	2	2	3	2	2	3	2	2	2										
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	3	4	3	3	3	3	4	3	4	2	2	3	3	3	3	2	3	4	3	3	4	4	3	4	3

PERCENTAGE OF DATA VALID - 23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9	2	2	2	2	0	0	0	0	0	0	0	1	1	1	2	1	2	1	1	1	1	2	2	2	1
10	1	1	1	1	0	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
11													- DATA MISSING -												
12																									
13	1	2	2	2	2	2	3	4	3	1	2	2	2	1	1	1	1	1	2	4	6	2	2	3	
14	2	2	2	1	1	2	2	3	3	4	5	2	4	5	5	3	4	4	2	2	2	2	2	2	2
15	2	2	2	2	2	2	3	3	3	5	6	4	5	4	5	4	5	4	3	4	3	5	5	7	4
16	6	3	3	4	2	1	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	3	2	3	2
17	2	2	1	2	2	2	2	4	4	2	2	1	2	2	1	2	2	3	4	6	8	5	3	3	3
18	4	2	2	3	3	3	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19																									
20	0	0	1	0	0	0	1	2		1	1	2	2	2	2	3	3	2	2	3	3	3	4	4	2
21																									
22	3	3	3	2	3	3	3	3	3																
23													- DATA MISSING -												
24													- DATA MISSING -												
25	1	1	0	0	0	0	1	2	2	2	2	1	1	1	1	2	2	3	2	1	1	1	1	1	
26																									
27																									
28	2	3	3	2	2	1	1	3	5	3	4	4	3	4	4	2	2	2	6	1	0	0	3	2	3
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	2	2	2	2	1	1	2	3	3	2	2	2	2	2	2	2	3	3	2	2	3	3	2	3	2

PERCENTAGE OF DATA VALID - 42

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
2	0	0	0	0	0	0	1	0	1	1	1	1	1	2	2	2	1	0	0	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1	0	0	0	1	1	1	3	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	0	1	0	1	1
12	0	0	0	0	0	0	1	2	1	1	1	1	2	2	1	2	1	0	0	1	1	0	1	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	1	0	0
14	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0	1	0	1	3	1	0
15	0	0	0	0	0	0	0	2	2	3	4	3	3	3	3	6	4	1	2	2	1	1	0	0	2
16	0	1	0	0	0	0	0	2	2	3	3	3	3	2	2	2	1	2	0	1	0	0	0	0	1
17	0	0	0	0	0	0	1	2	2	2	2	2	4	3	2	3	3	1	1	3	4	7	8	8	3
18	8	2	2	1	1	3	4	6	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	3
19	1	0	0	0	0	0	1	3	6	5	5	6	3	3	3	4	4	4	4	6	6	3	3	1	3
20	1	1	0	0	0	1	1	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	5	2	2
21	2	1	0	1	1	1	2	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
22	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	0	0
23	0	0	0	0	0	2	5	3	6	3	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24	6	6	6	7	7	8	11	9	9	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	0	0	0	0	0	0	0	1	2	4	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	0	0	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	0	1	1	1	1	1	1	1	1	1
28	2	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	2	2	2	0	0	0	0	1	3	4	3	6	3	6	3	3	1	0	0	0	0	0	1	1	2
31	0	0	0	0	0	0	0	1	2	3	3	3	2	2	2	3	2	1	0	0	0	0	0	0	1
MEAN	1	1	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	2	3	2	2	2	3	4	2	1	2	1	3	2	1	1	2
2	2	1	1	1	1	1	2	3	2	3	3	2	3	4	3	2	3	2	3	3	3	3	3	3	2
3	1	1	1	0	0	0	0	0	0	0	0	3	3	3	3	2	1	1	1	2	2	2	3	1	2
4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	1	0	2	2	2	2	3	3	3	3	3	1	0	0	0	0	0	1	0	1
6	0	1	0	0	0	0	2	3	3	3	3	3	3	3	3	3	2	1	1	2	3	3	4	6	2
7	6	3	1	0	0	0	1	2	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1
8	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	0	1	0	1	1
10	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	2	2	1
11	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0
12	0	0	0	1	1	1	3	3	3	3	5	5	4	5	4	4	3	1	2	2	2	2	2	2	2
13	1	1	0	0	0	0	1	2	1	3	3	3	4	3	3	4	5	5	3	3	3	6	1	0	2
14	0	0	0	0	0	0	1	3	3	3	3	2	3	3	3	3	2	2	2	2	1	1	1	0	2
15	0	0	0	0	0	0	0	0	3	3	4	4	3	3	3	3	2	2	2	1	1	1	1	0	2
16	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	3	3	2	2	3	4	2	1	1	2
17	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
19	2	1	1	1	0	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
20	- DATA MISSING -																								
21	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	1	1	4	4	4	4	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	0	0	1	2	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	3	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	0	0	0	0	0	0	3	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	- DATA MISSING -																								
29	- DATA MISSING -																								
30	- DATA MISSING -																								
MEAN	1	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	2	1	1
4	1	1	1	1	1	1	2	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	3	2	0	1	1
10	0	1	2	3	3	3	3	3	3																
11																									
12																									
13	2	2	2	2	2	3	3	4	4	4	4	4	4	4	5	6	4	3	4	4	4	3	3	3	3
14	4	4	4	4	3	3	3	3	3	1	4	3	4	4	7	7	5	2	0	1	1	1	1	1	3
15	2	2	2	1				1	0	0	1	1	2	2	2	2	1	1	2	2	4	1	1	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	1	2	3	2	2	3	2	1	0	0	0	1	0	1	1	2	2	2	0	1	1
18	1	1	1	2	1	2	4	3	1	2	1	1	1	1	1	2	2	2	2	2					2
19																									
20																									
21	5	3	2	2	2	3	3	3	3	1	0	0	3	3	3	2	2	1	3	3	4	3	4	3	2
22	3	3	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	4	4	5	4	4	3
23	3	3	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	4	4	5	4	4	4	3
24	3	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2	3	3	2	3	4	4	3	3	2
25	3	2	2	2	1	1	3	3	3	4	4	4	5	5	5	6	5	5	4	5	5	5	5	5	4
26	4	4	4	4	4	4	4	4	4	4	4	5	4	5	5	6	5	5	5	5	5	5	5	5	4
27	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	2	1	1	1	1	1	1	1	1
28	0	1	1	1	1	2	4	3	2	2	2	2	2	3	2	3	3	2	1	2	3	4	6	5	2
29	5	6	5	3	3	2	2	3	2	1	1	1	2	2	2	2	1	0	0	0	1	2	3	2	2
30	3	3	3	3	3	3	3	3	2	3	2	2	1	1	0	0	0	0	0	1	1	2	2	2	2
31	2	2	3	2	2	3	3	3	2	2	2	2	2	1	1	2	3	2	2	3	3	3	4	3	2
MEAN	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	4	4	4	1	1	2	3	3	3	3	2	1	0	0	0	0	0	0	1	2
2	1	1	1	1	1	2	3	2	2	2	2	3	2	1	1	1	1	1	1	2	2	2	3	2	2
3	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	3	3	2	1	1	1	0	1	1
4	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	7	3	2
5	4	3	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3
6	3	3	3	3	3	3	3	3	4	3	3	4	4	4	3	3	3	4	3	3	4	4	4	5	4
7	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4
8	4	4	4	4	4	4	4	5	4	2	2	3	4	4	4	3	2	1	1	1	1	2	3	2	3
9	2	2	2	2	2	1	2	2	2	2	2	3	2	3	2	2	2	1	1	2	3	5	5	3	2
10	3	2	2	1	1	1	2	3	2	2	1	2	1	2	2	2	2	1	2	2	4	3	2	2	2
11	2	1	1	1	1	1	2	2	1	2	2	1	2	3	2	3	2	1	1	2	1	1	2	3	2
12	4	2	2	2	2	2	2	3	2	2	2	2	2	1	1	1	1	2	0	4	6	5	4	4	3
13	3	4	2	2	2	2	2	1	1	1	1	1	2	1	1	1	0	0	0	0	1	0	0	1	0
14	0	2	3	2	2	2	2	0	0	1	0	1	0	1	0	1	0	0	0	0	0	1	1	1	0
15	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	1	1	1	0
16	1	1	1	1	1	1	3	2	2	2	2	3	4	3	4	6	5	5	5	5	4	4	4	4	3
17	4	3	4	4	4	4	4	6	6	6	6	5	5	4	4	6	5	5	5	5	5	5	5	5	5
18	4	3	4	4	4	4	4	6	6	6	6	5	5	4	4	6	5	5	5	5	5	5	5	5	5
19	4	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	2	1	0	1	3	4	4	2	2
20	3	2	2	2	2	2	2	2	1	2	2	2	2	3	3	2	1	0	0	0	0	2	4	2	2
21	2	2	2	2	2	2	2	4	3	2	3	3	4	4	3	3	2	2	1	1	2	4	4	5	3
22	5	6	4	5	4	4	4	5	3	2	3	4	4	4	3	5	5	4	4	5	6	6	4	4	4
23	5	5	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	1	2	3	3	3	2
24	1	0	1	1	0	0	1	0	0	0	0	3	3	3	3	4	5	5	5	5	4	2	1	2	2
25	2	1	0	0	0	1	2	2	2	4	4	4	4	4	4	5	5	3	2	4	3	4	5	4	3
26	4	4	4	4	4	4	4	4	4	4	3	2	2	2	2	2	2	4	3	3	2	2	4	4	3
27	5	4	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	2	2	1	1	1	2	2
28	2	1	2	2	2	3	4	5	5	5	5	4	4	4	3	3	1	0	0	0	0	1	1	1	2
29	2	1	2	2	1	1	1	3	2	2	2	2	2	2	3	2	1	0	0	0	0	3	9	9	2
30	9	10	6	4	4	4	7	7	5	5	5	3	3	2	3	4	3	2	1	2	0	3	1	4	4
31	1	1	1	1	1	2	4	2	2	2	1	2	3	3	3	2	2	1	1	1	1	2	2	2	2
MEAN	3	3	2	2	2	2	3	3	2	2	2	3	3	3	3	3	2	2	2	2	3	3	3	3	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	4	3	3	1	4	4	4	4	3	4	4	3	2	3	3	0	2	2	3
2	2	2	2	1	0	1	1	2	2	2	3	2	2	3	3	4	3	2	2	2	1	1	4	2	2
3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1
4	0	1	1	1	0	0	1	1	1	2	1	1	1	1	1	1	1	2	2	2	3	3	3	2	3
5	1	2	2	2	2	2	2	2	3	3	3	3	4	5	4	5	4	4	4	3	4	3	3	3	3
6	3	3	3	4	4	4	4	5	6	6	6	6	6	6	6	6	5	4	4	3	3	3	3	3	4
7	3	3	4	3	3	4	6	4	3	4	4	4	4	4	4	5	5	4	4	4	5	4	3	3	4
8	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
9	2	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	2	2	2	2	1	1	2	2
10	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1	1	1	0	1	1	1
11	1	1	1	1	1	2	4	6	5	5	5	6	***	***	***	5	5	4	3	3	2	2	2	1	3
12	1	2	1	1	1	1	2	***	3	2	2	2	2	2	2	2	2	0	1	1	0	1	1	0	1
13	0	0	0	0	0	0	1	2	2	1	1	0	0	0	0	1	2	2	2	1	2	***	***	***	1
14	***	***	***	***	***	***	***	***	0	1	2	2	2	2	2	3	2	2	2	5	6	5	4	3	3
15	4	5	5	3	3	4	4	4	3	***	2	2	2	2	***	3	3	2	3	3	3	3	3	3	3
16	4	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	3	3	4	4	3	2	3
17	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	0	0	0	1	0	0	1	1	1
18	0	0	0	1	2	2	3	2	***	2	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2
19	3	3	3	3	3	3	4	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1	1	2
20	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1
21	1	1	1	3	2	2	3	3	2	4	3	3	4	3	3	3	2	3	3	2	2	3	2	1	2
22	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	2	4	3	2	2	2	2	2
23	2	1	1	1	1	2	2	2	2	2	1	2	1	2	1	2	1	1	1	2	1	2	2	2	2
24	1	1	3	3	1	2	1	1	1	1	1	***	2	2	1	1	2	2	2	1	2	3	4	4	2
25	4	4	2	2	1	1	2	2	***	***	3	2	2	2	3	3	3	2	4	4	3	1	4	4	3
26	2	3	3	3	2	3	3	4	3	4	5	4	2	1	1	1	1	1	1	1	1	1	1	1	2
27	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	***	***	***	***	***	***	***	0
28	***	***	***	***	***	***	***	***	***	2	1	1	1	1	1	2	3	4	4	4	4	4	4	4	3
29	3	3	3	4	3	3	4	4	***	4	4	6	6	4	4	6	4	4	3	4	4	4	4	4	4
30	2	3	3	3	3	3	3	4	4	4	4	5	3	4	4	4	4	4	5	5	5	5	5	5	4
MEAN	2	2	2	2	2	2	2	3	2	2	3	3	3	3	2	3	3	2	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	3	3	4	4	4	4	4	5	5	5	4	4	5	5	5	5	6	6	6	4
2	4	5	5	5	5	5	5	***	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
3	0	1	1	1	1	1	1	2	***	1	3	3	3	2	3	3	3	3	4	4	4	4	4	3	2
4	3	3	3	3	4	4	6	6	2	1	2	2	1	1	1	1	2	2	2	1	1	2	1	1	2
5	1	2	2	2	3	3	4	2	2	2	1	1	2	3	7	5	4	3	4	3	3	3	3	3	3
6	3	3	3	3	2	3	5	6	3	4	5	8	6	***	3	5	4	2	2	3	2	2	2	2	3
7	2	2	1	2	2	2	2	2	2	3	3	2	2	3	3	3	3	4	3	6	7	4	3	3	3
8	4	4	3	3	3	4	4	3	3	3	3	3	3	3	3	4	3	3	3	3	4	3	3	3	3
9	4	3	3	4	4	4	4	5	5	5	5	5	6	5	5	4	4	5	5	10	9	7	6	5	5
10	4	4	4	4	4	5	6	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	***	***	0	2	3	3	3	2	2	2	2	2	1	***
12	2	3	2	1	1	2	3	3	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13																									
14																									
15																									
16																									
17																									
18	***	***	***	***	***	***	***	***	***	3	2	2	3	3	3	3	4	4	4	4	3	3	3	3	***
19	3	2	3	3	2	3	4	9	4	1	1	1	3	3	3	5	5	5	7	8	7	5	6	9	4
20	8	7	6	5	4	4	4	4	4	3	2	3	3	3	3	4	4	3	3	2	2	3	2	4	4
21	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	6	4
22	6	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5	4	4	4	4	4	4	4	5
23	4	4	4	4	4	4	5	5	5	5	5	6	6	5	5	5	6	6	6	6	6	6	6	4	5
24	4	4	4	4	5	5	5	5	5	5	5	5	6	5	5	5	6	6	6	6	6	6	6	5	5
25	6	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
26	9	9	8	7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	***	***	3	3	2	2	3	3	2	3	2	3	3	2	***
28	2	1	1	2	2	2	2	2	2	3	3	3	4	3	3	3	3	3	2	2	2	1	2	2	2
29	2	3	4	3	2	2	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30																									
31	***	***	***	***	***	***	***	2	1	1	0	0	1	2	2	2	4	5	3	3	3	3	3	3	2
MEAN	4	4	4	4	3	3	4	4	3	3	3	3	4	3	3	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS PER MILLION													
STATION - VICTORIA ST SARNIA OAMST													NO 14049													
MONTH NOV 72																										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	3	3	3	2	2	2	3	3	2	2	1	1	2	3	1	3	3	2	2	2	2	3	4	2	
2	4	4	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	2	2	4	6	4	3	
3	2	2	2	2	3	3	3	4	3	3	3	3	3	4	5	5	4	3	3	2	2	2	6	3	5	
4	2	2	2	2	1	2	2	2	3	2	2	2	2	2	4	4	4	6	5	3	4	3	3	3	3	
5	3	1	1	1	1	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	2	
6	3	2	2	2	2	2	3	5	4	2	0	1	1	0	0	0	0	0	1	1	1	1	1	2	2	
7	2	3	3	3	4	4	4	4	3	3	2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	
8	4	4	3	3	3	3	3	3	3	2	2	2	2	2	1	1	1	1	2	3	3	4	4	3	3	
9	3	4	4	3	3	4	4	3	2	2	1	1	1	2	2	2	4	3	2	1	1	2	2	2	2	
10	2	2	2	2	2	2	2	1	0	0	0	1	1	3	3	3	4	5	5	5	5	6	6	7	3	
11	6	7	6	6	6	6	7	7	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	7	
12	9	9	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	11	10	10	10	
13	10	9	9	8	8	8	8	8	7	7	2	3	2	2	3	2	1	1	0	0	0	1	0	0	4	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15																										
16																										
17																										
18																										
19																										
20																										
21	1	1	1	1	1	1	1	1	1	0	0	0	2	1	2	4	5	5	3	2	1	3	3	3	2	
22	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	2	2	3	1	1	1	1	1	0	1	
23	1	1	1	0	1	1	1	2	1	1	2	3	3	3	2	2	3	4	3	3	3	3	4	5	2	
24	5	5	4	4	5	5	6	6	6	6	6	2	2	1	1	2	5	6	4	4	4	4	4	4	4	
25																										
26																										
27																										
28	3	3	3	4	4	3	3	3	2	3	3	3	3	4	4	4	4	4	3	4	5	5	5	4	4	
29	4	5	4	4	4	3	3	4	3	3	1	0	0	1	1	4	4	3	2	4	4	4	4	5	3	
30	3	3	3	4	4	3	3	4	5	3	3	4	3	4	4	4	3	3	3	4	4	4	4	4	4	
MEAN	3	4	3	3	3	3	3	4	3	2	2	2	2	2	3	3	3	3	3	3	4	4	3	3	3	
PERCENTAGE OF DATA VALID -		66																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS PER MILLION												
STATION - VICTORIA ST SARNIA OAMST													NO 14049												
MONTH DEC 72																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	6	4	1	1	1	1	1	0	0	0	2	1	1	2	4	6	3	3	4	4	3	4	3
2	4	4	3	2	2	2	3	3	4	3	4	8	4	3	3	3	3	4	5	5	5	5	5	5	4
3	2	2	2	2	2	2	2	2	7	7	6	6	5	5	4	5	5	5	5	5	5	5	5	5	5
4	4	4	3	3	3	3	3	2	2	1	2	3	3	2	2	2	2	3	3	3	3	4	4	4	3
5	4	4	4	4	4	3	3	3	5	3	0	0	1	2	3	3	4	6	4	3	3	3	3	3	3
6	3	3	4	4	5	4	4	3	3	2	1	2	2	3	3	3	4	4	4	4	3	4	4	4	3
7	3	3	3	3	3	3	3	3	3	3	3	2	4	4	4	4	4	5	5	5	6	7	6	7	6
8	7	7	6	6	6	6	6	7	7	6	6	6	2	3	3	3	6	8	8	5	6	7	6	7	6
9	7	7	6	6	4	4	4	4	4	4	5	5	5	5	6	6	6	6	6	6	6	5	6	5	5
10	5	6	5	5	5	5	5	5	5	5	5	5	4	4	4	4	5	5	6	6	5	5	5	5	5
11	5	5	5	5	4	4	3	4	4	3	1	1	1	1	1	2	2	4	3	3	3	4	5	3	3
12	5	5	5	5	5	5	5	5	5	4	4	1	2	2	2	2	3	3	4	4	3	3	2	2	4
13	3	3	2	4	3	3	2	3	3	2	2	2	3	4	4	3	3	4	3	3	3	3	4	4	3
14	3	3	4	4	4	4	4	4	3	2	2	2	2	4	4	4	3	4	3	5	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	2	1	1	2	2	2	3	5	3	4	3	2	4	2	1	3
16	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	3	5	3	2	3	4	2	1	3
17																									
18																									
19	7	5	5	5	4	4	4	4	3	1	2	3	5	5	2	2	4	7	5	5	6	6	5	5	4
20	5	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
21	2	2	2	2	2	2	2	3	3	1	1	1	1	1	1	2	2	3	2	2	2	3	4	3	2
22	3	3	3	3	3	3	3	3	3	3	4	4	6	6	7	7	7	7	5	4	6	5	5	5	5
23	5	6	5	5	5	5	5	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24																									
25																									
26	4	4	3	4	4	4	4	4	4	4	4	5	5	4	3	3	3	3	3	3	4	4	4	4	4
27	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	3	3	3	3	4	4	3	3	4
28																									
29																									
30																									
31																									
MEAN	4	4	4	4	3	4	3	4	4	3	3	3	3	3	3	4	4	5	4	4	4	4	4	4	4
PERCENTAGE OF DATA VALID -													67												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	6	10
FEB	25	4	6	22
MAR	10	3	4	7
APR	18	2	4	8
MAY	30	1	4	11
JUN	26	1	2	6
JUL	27	2	5	7
AUG	31	2	4	10
SEP	30	2	4	6
OCT	25	4	6	10
NOV	23	3	7	11
DEC	25	4	6	9
YEAR	301	3	7	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	98	258	337	5	0	0	698
FEB	65	149	195	5	1	0	415
MAR	30	76	68	0	0	0	174
APR	94	160	51	0	0	0	305
MAY	424	169	51	3	0	0	647
JUN	342	121	25	0	0	0	488
JUL	263	201	91	0	0	0	555
AUG	196	335	179	4	0	0	714
SEP	210	329	143	0	0	0	682
OCT	38	217	228	6	0	0	489
NOV	104	227	136	13	0	0	480
DEC	32	203	261	1	0	0	502
YEAR	1896	2450	1765	37	1	0	6149

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
70	0	0.3	1.0	1.9	3.0	4.8	5.7	6.7	7.5	22	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE										UNITS - PARTS PER MILLION															
STATION - BARTON/WENTWORTH HAM. OAMST										MONTH JAN 72															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0
2	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
3	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	2	2	1	0	0	0	0	1
4	0	0	0	1	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	4	2	3	2	3	3	3	1
6	2	1	1	1	0	0	1	1	2	1	1	1	1	1	1	0	1	4	2	1	1	0	1	2	1
7	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
8	1	1	0	0	0	0	0	1	1	2	1	1	1	1	2	3	3	3	5	5	4	4	4	3	2
9	3	1	1	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	2	2	1	1	1	2	1	2	5	10	9	9	8	6	7	7	6	4
11	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	0	0	2	5	4	3	1
12	2	0	0	0	0	0	1	2	2	1	1	0	1	1	1	5	6	4	4	3	4	7	9	10	3
13	5	1	0	0	0	0	1	2	2	1	1	1	1	0	0	1	2	2	2	2	2	2	2	2	1
14	2	2	2	2	2	2	5	7	7	4	4	3	3	2	2	3	6	6	5	5	4	4	6	3	4
15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	4	3
16	4	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	4	4	4	3	3	3	4	4	4
17	3	3	3	3	3	3	4	4	4	4	3	3	3	2	2	2	3	4	4	4	4	4	4	4	3
18	3	3	3	3	3	4	4	4	4	4	4	0	2	2	3	3	3	4	3	3	2	2	3	3	3
19	3	2	2	2	2	2	2	3	2	3	2	3	3	2	2	3	4	4	3	3	2	2	3	3	3
20	2	2	2	2	2	3	5	6	6	5	5	6	5	4	5	4	6	7	5	5	4	4	4	3	4
21	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	6	6	5	6	6	6	3
22	8	9	9	8	6	5	4	3	4	4	6	8	5	3	3	3	3	3	2	2	2	1	1	1	4
23	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
25	DATA MISSING -																								
26	DATA MISSING -																								
27	DATA MISSING -																								
28	1	1	0	0	0	0	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
30	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	4	2	1	1	1	1	1	2	2
MEAN	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	3	3	3	2
PERCENTAGE OF DATA VALID -		87																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS PER MILLION																
STATION - BARTON/WENTWORTH HAM OAMST NO 29025												MONTH FEB 72																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	1	1	0	0	0	0	2	2	2	3	3	2	2	2	2	3	5	7	4	6	3	3	5	3	3			
2	3	2	2	1	2	1	1	4	4	3	3	3	2	2	2	2	4	2	2	3	3	3	5	5	3			
3	3	2	1	1	1	2	4	3	3	3	3	2	2	3	3	5	7	6	3	4	2	2	2	2	3			
4	1	1	1	0	1	1	1	2	2	2	2	2	1	1	1	3	3	2	2	2	1	1	1	1	1			
5	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	3	2	2	2			
6	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
7	1	1	1	1	1	1	3	3	4	3	2	2	2	2	1	2	3	2	2	2	2	4	3	2	2			
8	2	1	1	1	1	1	2	3	3	2	1	2	2	2	2	2	4	3	3	3	2	2	4	3	2			
9	3	2	2	2	2	2	2	3	3	3	3	3	2	2	3	3	3	3	3	3	2	2	3	3	3			
10	2	2	2	2	2	2	4	5	5	4	2	2	3	4	3	3	7	5	3	3	3	3	3	3	3			
11	2	3	2	2	2	2	4	4	4	4	3	3	4	3	3	5	7	5	4	5	4	4	4	4	4			
12	3	3	3	2	2	2	3	4	4	4	4	4	5	4	3	4	4	4	11	13	5	7	12	9	5			
13	10	9	5	5	4	4	4	4	3	3	3	2	3	3	3	2	2	2	2	2	2	2	2	2	3			
14	3	2	2	2	2	2	3	3	3	2	2	2	2	2	1	2	4	2	2	2	2	2	2	1	2			
15	1	0	0	0	0	0	1	5	3	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1			
16	0	0	0	0	0	1	1	3	1	1	1	1	1	0	1	2	4	3	3	5	4	3	2	2	2			
17	2	2	2	2	2	2	2	2	3	4	4	3	2	3	1	2	3	3	3	3	3	3	3	3	3			
18	5	3	2	2	2	3	4	4	5	5	6	4	4	5	6	8	14	10	4	6	4	4	3	2	5			
19	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1			
20	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1			
21	2	1	1	1	1	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
22																												
23	1	2	1	1	1	1	2	3	3	4	3	2	3	4	4	4	2	6	4	4	5	5	4	4	3			
24	4	5	5	5	5	3	3	2	2	2	2	2	1	1	1	2	2	3	2	1	1	1	1	1	2			
25																												
26	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0			
27	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	1	1			
28	0	0	0	0	0	0	1	2	1	1	1	2	2	3	3	4	5	3	3	1	2	3	3	2	2			
29	1	1	1	0	0	0	1	2	1	1	3	3	3	3	2	3	3	3	2	2	3	3	2	3	2			
MEAN	2	2	2	1	1	1	2	3	3	2	2	2	2	2	2	3	4	3	3	3	2	2	3	3	2			
PERCENTAGE OF DATA VALID -				94																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	2	1	1	1	0.00	0.00	0.00	2	2	2	1	1	1	1	1	1	2	1	0	0	1	2
2	0	1	0	4	2	1	1	1	1	1	0.00	1	1	1	1	1	1	1	0	1	1	0	0	1	0
3	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	4	8	5	3	3	2	1	1	0	1
4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5																									
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	1	1	1	1	2	1	1	1	0.00	1	0	0	0	0	0	0	2	2	1	3	1	0	2	0	1
8	1	0	0	0	1	0	0	1	2	1	1	1	0	0	0	1	1	1	1	0	0	1	2	2	1
9	2	1	1	1	1	2	3	3	3	2	2	2	2	2	2	4	6	4	3	3	3	2	2	2	2
10	2	2	1	1	1	1	3	2	2	1	0	0	1	0	0	0	1	1	2	2	2	2	2	3	1
11	4	2	1	1	0	0	1	2	2	2	2	2	3	3	3	3	3	2	2	1	1	0	4	2	2
12	2	1	2	2	1	1	2	0	0	0	0	0	0	0	0	0	1	2	1	1	1	2	2	1	1
13	2	1	1	1	1	1	1	1	1	2	1	2	2	1	1	2	3	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	3	4	3	3	4	6	5	5	6	11	8	5	5	3	2	4	3	4
15	2	1	1	1	0	0	1	1	1	1	0	2	2	3	4	4	5	2	4	3	4	3	2	2	2
16	2	2	1	0	1	3	6	6	6	5	5	5	3	2	2	2	3	3	1	3	3	3	3	2	3
17	3	2	1	1	1	1	4	6	4	3	2	3	2	2	2	2	2	2	2	2	2	2	1	1	2
18	1	2	1	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	2	2	2	2	1	1
19	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	2	2	3	2	2	3	2	1
20	2	2	2	2	2	2	5	8	3	3	3	2	3	3	5	6	8	4	4	3	3	2	2	3	3
21	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	0	1	1	0	1
22	1	1	1	1	1	1	1	1	1	1	0	0	0	0.00	0.00	1	2	3	3	2	2	2	2	2	1
23	3	3	3	1	2	2	2	2	1	3	2	2	1	1	1	2	2	2	2	2	2	2	3	2	2
24	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	2	2	2	3	3	2	2	2
25	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
26	3	4	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	5	4	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2
28	2	1	1	1	1	1	1	1	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	3	1
29	3	3	2	1	1	1	2	2	3	3	4	2	1	2	3	2	4	2	2	2	2	2	3	5	2
30	2	1	1	1	1	1	2	2	3	2	2	1	1	2	2	2	3	2	2	3	3	3	3	2	2
31	2	2	1	1	1	1	2	2	2	1	2	2	2	1	1	2	2	2	2	3	3	4	3	3	2
MEAN	2	2	1	1	1	1	2	2	2	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	2	2	2	2	3	3	3	3	4	4	6	5	3	3	1	1	1	1	2	1	2
2	2	2	2	2	2	1	1	1	1	1	2	1	2	2	2	2	2	2	2	3	2	2	2	2	2
3	3	1	2	2	2	2	3	2	2	2	1	1	2	2	2	3	5	4	3	4	3	2	3	3	3
4	3	2	2	2	2	2	3	5	4	3	2	1	2	2	2	2	3	2	3	3	3	3	4	3	3
5	3	3	2	2	2	2	3	4	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
6	2	2	2	2	2	2	3	2	2	4	4	2	2	1	1	2	2	2	2	2	1	2	1	1	2
7	2	2	2	2	2	2	2	2	2	3	2	3	0.00	2	2	3	2	2	2	1	1	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	1
9	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
10	1	1	1	1	1	1	3	3	2	2	1	5	2	2	2	3	4	4	4	2	2	2	3	3	2
11	2	1	2	2	2	3	7	6	2	2	1	1	1	0	0	0	1	0	0	1	0	1	1	1	2
12	1	1	0	1	1	0	0	1	1	3	2	2	2	2	3	2	4	4	2	2	1	2	2	2	2
13	2	1	1	1	2	2	3	6	2	3	0.00	2	1	1	1	1	2	1	1	1	1	1	1	1	2
14	1	1	1	2	1	1	2	1	3	3	3	3	3	3	1	2	3	1	3	3	2	1	0	0	2
15	1	1	1	1	1	1	1	2	1	1	1	4	6	7	4	4	7	5	1	3	5	5	2	3	3
16	2	2	2	1	1	2	3	2	3	4	4	2	2	2	2	3	2	2	3	3	3	3	2	1	2
17	1	2	2	1	1	1	2	3	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
18	8	3	3	4	3	3	3	4	5	5	0.00	4	2	1	1	1	1	1	3	3	3	3	2	1	2
19	2	2	1	1	1	1	1	2	9	7	5	5	6	7	13	8	11	3	3	3	0	0	1	1	4
20	1	1	2	1	1	1	1	1	1	2	2	1	0	2	2	0	1	1	3	6	1	0	2	4	2
21	3	3	2	1	1	3	3	3	6	6	2	1	2	3	3	3	3	2	2	2	1	2	2	2	3
22	3	2	2	1	1	3	2	1	2	2	3	3	3	3	5	4	2	2	1	2	2	2	2	2	2
23	1	2	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	2	3	3	1
24	1	1	1	1	1	2	4	3	2	2	4	4	2	1	1	2	2	2	1	1	1	2	2	2	2
25	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	2	2	1	1	1	2	1	2	2	2
27	1	1	1	1	1	2	2	2	0.00	3	3	3	1	1	1	2	5	3	3	3	2	2	2	3	2
28	2	2	2	2	2	2	4	4	3	2	3	2	2	1	2	2	3	2	2	4	3	2	3	2	2
29	2	2	2	1	1	1	1	2	3	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	2	2	2	1	1	2	2	2	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE		UNITS - PARTS PER MILLION																							
STATION - BARTON/WENTWORTH HAM. OAMST		MONTH MAY 72																							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.2	1.0	1.0	2.0	1.1	2.2	2.3	3.3	3.3	3.3	2.2	2.2	6.6	5.5	4.4	5.5	2.2	3.3	1.1	3.3	3.3	3.3	3.3	2.2	2.2
3	2.2	1.0	1.0	2.0	1.1	2.2	2.3	3.3	3.3	3.3	1.1	1.1	2.2	1.1	2.2	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.1	2.2
4	0.0	0.0	0.0	0.0	1.1	2.2	2.3	3.3	3.3	3.3	1.1	1.1	2.2	4.4	3.3	3.3	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
5	6.6	5.5	3.3	2.2	2.2	2.2	3.3	4.4	3.3	3.3	4.4	3.3	3.3	3.3	3.3	2.2	2.2	2.2	2.2	3.3	6.6	6.6	6.6	4.4	5.5
6	2.2	2.2	2.2	2.2	2.2	2.2	3.3	3.3	3.3	3.3	1.1	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	2.2	3.3	4.4	6.6	3.3	2.2
7	2.2	2.2	2.2	2.2	2.2	2.2	3.3	3.3	3.3	3.3	1.1	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	2.2	3.3	4.4	6.6	3.3	2.2
8	2.2	2.2	2.2	2.2	2.2	2.2	3.3	3.3	3.3	3.3	1.1	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	2.2	3.3	4.4	6.6	3.3	2.2
9	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.2	2.2	2.2	2.2	2.2	2.2	3.3	3.3	2.2	2.2	2.2	2.2	0.0	0.0	1.1	1.1	2.2
10	0.0	0.0	1.1	1.1	1.1	3.3	3.3	2.2	1.1	1.1	1.1	1.1	0.0	0.0	0.0	1.1	0.0	2.2	1.1	1.1	2.2	3.3	3.3	3.3	1.1
11	2.2	1.1	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	2.2	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.2	2.2	1.1
12	1.1	1.1	2.2	1.1	2.2	6.6	8.8	5.5	2.2	2.2	1.1	1.1	1.1	0.0	1.1	2.2	1.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
13	3.3	3.3	4.4	2.2	1.1	2.2	3.3	3.3	3.3	2.2	4.4	4.4	3.3	4.4	3.3	3.3	2.2	6.6	3.3	1.1	3.3	6.6	7.7	3.3	3.3
14	2.2	1.1	1.1	0.0	1.1	1.1	1.1	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	1.1	1.1	2.2	2.2	2.2	2.2	3.3	1.1	2.2	2.2
15	1.1	2.2	1.1	2.2	1.1	1.1	7.7	12.12	6.6	2.2	1.1	3.3	3.3	5.5	7.7	8.8	5.5	4.4	3.3	3.3	4.4	4.4	5.5	5.5	4.4
16	5.5	3.3	3.3	4.4	3.3	4.4	7.7	3.3	6.6	4.4	4.4	6.6	3.3	5.5	5.5	7.7	7.7	4.4	4.4	4.4	4.4	3.3	4.4	5.5	4.4
17	3.3	6.6	3.3	3.3	5.5	10.10	12.12	6.6	7.7	4.4	8.8	4.4	5.5	5.5	4.4	6.6	5.5	5.5	6.6	5.5	5.5	5.5	5.5	6.6	6.6
18	4.4	4.4	4.4	3.3	4.4	6.6	5.5	5.5	5.5	3.3	6.6	5.5	6.6	5.5	7.7	10.10	7.7	7.7	6.6	6.6	6.6	6.6	8.8	7.7	6.6
19	8.8	8.8	7.7	7.7	8.8	13.13	14.14	9.9	5.5	3.3	2.2	3.3	2.2	2.2	3.3	3.3	3.3	3.3	3.3	3.3	7.7	5.5	4.4	4.4	5.5
20	5.5	5.5	2.2	3.3	3.3	2.2	2.2	2.2	3.3	3.3	3.3	2.2	5.5	3.3	3.3	3.3	3.3	2.2	1.1	4.4	1.1	4.4	5.5	2.2	3.3
21	4.4	6.6	5.5	3.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.3	1.1	2.2	4.4	3.3	2.2	1.1	1.1	0.0	1.1	0.0	0.0	2.2
22	1.1	1.1	1.1	5.5	4.4	4.4	6.6	2.2	3.3	1.1	1.1	1.1	1.1	2.2	2.2	2.2	1.1	3.3	3.3	4.4	6.6	7.7	4.4	3.3	3.3
23	2.2	3.3	3.3	2.2	3.3	5.5	7.7	6.6	3.3	7.7	2.2	1.1	0.0	0.0	2.2	3.3	1.1	0.0	0.0	0.0	3.3	5.5	5.5	3.3	3.3
24	3.3	1.1	1.1	1.1	13.13	19.19	8.8	6.6	3.3	3.3	3.3	4.4	2.2	4.4	3.3	3.3	2.2	3.3	4.4	3.3	3.3	2.2	4.4	3.3	4.4
25	4.4	4.4	4.4	3.3	4.4	3.3	2.2	1.1	1.1	1.1	2.2	1.1	1.1	1.1	1.1	2.2	2.2	1.1	2.2	1.1	2.2	2.2	2.2	3.3	2.2
26	3.3	2.2	1.1	1.1	2.2	4.4	3.3	2.2	4.4	4.4	3.3	2.2	1.1	3.3	4.4	5.5	2.2	2.2	3.3	3.3	3.3	2.2	2.2	3.3	3.3
27	3.3	3.3	3.3	4.4	4.4	4.4	4.4	3.3	2.2	2.2	2.2	2.2	3.3	3.3	4.4	4.4	4.4	4.4	4.4	1.1	2.2	3.3	3.3	5.5	3.3
28	4.4	5.5	5.5	5.5	2.2	3.3	3.3	2.2	1.1	1.1	0.0	1.1	3.3	2.2	1.1	2.2	1.1	2.2	1.1	1.1	1.1	2.2	2.2	2.2	1.1
29	1.1	2.2	2.2	2.2	3.3	4.4	4.4	4.4	3.3	3.3	3.3	2.2	2.2	0.0	1.1	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	1.1	1.1	1.1	3.3	2.2	6.6	5.5	4.4	2.2	2.2	1.1	2.2	4.4	2.2	2.2	3.3	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	2.2
MEAN	3.3	3.3	2.2	2.2	3.3	4.4	4.4	3.3	3.3	2.2	2.2	2.2	2.2	2.2	3.3	3.3	2.2	2.2	2.2	2.2	3.3	3.3	3.3	3.3	3.3
PERCENTAGE OF DATA VALID -		96																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS PER MILLION												
STATION - BARTON/WENTWORTH HAM. OAMST													MONTH JUN 72												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	2	2	2	1	3	3	2	3	2	2	3	2	2	3	3	2	2	3	2	2
2	2	2	2	2	2	4	4	4	3	3	3	3	2	2	1	2	1	2	3	3	2	3	2	2	2
3	2	1	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1
4	2	1	1	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	1	1	1	1	1
6	2	2	1	1	1	4	3	3	2	0.000	0.000	0.000	0.000	0.000	0.000	2	1	1	1	1	1	2	2	2	2
7	2	3	2	3	3	5	5	5	5	4	4	5	4	4	3	4	3	2	2	3	5	3	2	2	3
8	2	2	2	2	2	3	3	3	3	3	2	2	1	0	2	2	1	1	2	1	1	0	0	2	2
9	0	0	0	0	0	1	1	1	1	1	3	3	2	4	4	3	0	0	0	0	0	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
12	2	2	2	1	2	7	7	5	3	2	2	3	0	3	5	8	5	4	3	3	3	3	5	4	4
13	6	4	3	3	4	9	9	9	8	7	6	5	7	7	9	8	7	6	6	6	6	4	3	4	6
14	3	4	4	4	4	6	6	5	4	4	4	4	4	3	2	3	3	2	2	2	2	2	2	3	3
15	1	2	1	2	1	1	2	2	2	2	1	3	0	1	1	1	1	0	0	0	2	1	0	0	1
16	0	1	1	1	1	2	2	3	2	2	2	2	1	1	1	1	1	1	1	0	0	1	1	1	1
17	3	6	3	3	5	5	6	6	7	4	8	4	1	2	2	2	2	1	2	2	2	2	4	5	4
18	6	4	3	3	3	4	3	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
19	8	8	7	7	8	8	9	9	0.000	3	2	3	2	4	4	3	3	2	2	3	4	3	3	4	5
20	2	2	3	3	2	1	2	2	1	1	1	1	0	0	1	2	2	0	0	1	1	1	1	1	1
21	0	0	0	0	0	1	3	8	5	5	7	7	6	1	1	1	1	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
23	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	2	3	1	1	2	2	1	0	1	1
24	3	1	1	1	1	1	2	2	3	1	3	3	4	1	0	0	0	0	2	2	3	2	4	3	2
25	3	1	1	0	0	0	0	0	1	0	1	2	3	3	2	1	1	1	1	1	2	1	1	1	1
26	1	1	1	1	2	4	4	2	0	0	0	0	3	3	2	2	1	2	2	1	2	1	1	1	1
27	2	2	1	0	1	2	3	3	1	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2
28	2	1	1	1	1	3	4	3	4	4	4	3	4	4	3	4	2	2	2	2	2	2	1	2	1
29	1	1	1	1	1	3	2	2	2	2	2	2	2	4	0.000	0.000	0.000	0.000	3	4	3	3	3	3	3
30	2	3	5	5	5	6	4	3	5	2	5	3	5	7	8	8	7	3	3	3	4	3	2	4	4
MEAN	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
PERCENTAGE OF DATA VALID -													98												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	2	3	2
2	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
3	2	2	2	1	1	2	2	1	2	3	3	3	4	5	4	6	4	4	3	3	3	4	3	2	3
4	2	2	2	2	2	4	5	4	3	2	2	2	2	2	3	3	2	2	3	3	3	3	2	2	3
5	2	2	3	3	3	4	5	3	3	3	3	3	3	3	5	6	2	1	2	3	3	3	3	2	3
6	2	2	2	3	3	7	8	7	3	2	1	0	0	1	1	2	3	1	1	3	1	1	1	1	2
7	1	1	0	0	1	3	5	2	1	1	1	1	1	2	2	3	2	2	2	3	3	2	3	2	2
8	2	1	3	2	2	4	3																		
9																									
10																									
11																									
12																									
13																									
14																									
15	5	4	4	4	4	5	5	5	5	5	5	5	5	4	4	4	4	4	4	5	5	4	4	4	5
16	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4
17	5	5	4	4	4	6	8	8	6	6	6	7	6	6	6	6	3	3	2	1	1	2	3	3	3
18	4	5	4	4	4	5	6	5	4	4	3	3	3	3	3	3	5	4	5	5	4	5	4	5	5
19	3	3	3	3	3	4	6	6	5	6	4	4	4	4	4	6	2	1	1	2	1	2	2	2	3
20	4	5	4	4	4	6	7	7	6	5	5	3	3	2	2	2	1	1	2	1	2	2	2	2	3
21	2	2	2	2	2	3	5	5	4	4		2	2	2	1	1	0	1	1	2	2	4	4	4	2
22	4	4	4	4	4	4	5	5	5	5	5	5	4	3	2	1	1	1	1	1	1	2	2	3	3
23	2	2	2	2	2	3	4	4	3	3	3	2	1	0	0	0	0	1	1	2	3	3	3	2	2
24	3	3	3	3	3	4	5	5	6				3	3	3	3	4	5	5	6				4	4
25	3	3	3	3	3	5	5	5	6				3	3	3	3	3	3	3	3	3	4	4	3	4
26	3	3	3	3	3	5	4	4	4		2	1	1	1	1	2	1	1	1	1	1	1	1	1	2
27	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0
28	0	0	0	0	0	2	3	1	0	0	0	0	1	1	0	1	2	2	2	3	3	3	3	3	1
29	3	3	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	2	2	3	4	4	3	2
30	3	2	2	2	1	1	2	2	2	1	1	2	1	0	0	0	0	0	1	0	0	1	1	2	1
31	3	3	1	1	1	3	6	3	2	2	2	2	2	1	0	1	0	0	1	0	0	0	1	1	2
MEAN	3	3	2	2	3	4	4	4	3	3	3	3	2	2	2	3	2	2	2	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	2	3	4	3	3	2	2	2	2	3	5	7	6	5	5	5	4	4	4	3	3
2	3	3	3	3	2	3	4	3	3	3	3	4	5	6	8	10	5	4	4	4	4	4	3	3	4
3	3	3	3	3	2	3	3	4	4	4	4	3	4			3	2	2	1	1	1	1	1	2	3
4	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2
5	4	4	3	3	3	3	3	2	2	2	2	2	2	4	2	2	3	4	3	4	3	3	3	2	2
6	2	1	1	1	1	2	2	2	2	1	1	1	1	2	3	3	2	2	2	1	1	1	1	0	2
7	2	1	1	1	1	2	2	2	2	1	1	2	2	2	2	4	3	3	3	2	4	3	2	2	2
8	1	1	1	1	1	2	2	2	1	1	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1
9	3	2	1	1	1	1	2	1	1	1	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1
10	0	0	0	0	0	2	3	2	1	0	0	0	0	0	0	1	1	1	2	2	2	3	3	3	1
11	1	1	1	0	1	3	3	3	1	1	2	2	2	2	3	4	3	2	4	3	3	2	2	2	2
12	2	1	1	1	1	1	1	2	1	1	2	2	2	2	1	1	0	1	2	2	1	1	2	1	1
13	2	1	1	1	0	1	1	1	1	2	3	1	3	1	1	1	1	2	4	2	1	1	2	1	1
14	1	0	0	0	1	2	3	2	2	2	2	1	1	0	0										
15																									
16																									
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28																									
29																									
30																									
31																									
MEAN	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2	4	10
FEB	29	2	5	14
MAR	30	2	4	11
APR	29	2	4	13
MAY	31	3	6	19
JUN	30	2	6	9
JUL	26	3	5	8
AUG	14	2	4	10
SEP		DATA MISSING		
OCT		DATA MISSING		
YEAR	218	2	6	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM OAMST NO 29025

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	301	234	110	7	0	0	652
FEB	225	315	110	8	0	0	658
MAR	305	323	50	1	0	0	679
APR	237	365	63	3	0	0	668
MAY	208	329	170	8	1	0	716
JUN	303	283	116	5	0	0	707
JUL	143	255	186	0	0	0	584
AUG	128	159	38	1	0	0	326
SEP		DATA MISSING					
OCT		DATA MISSING					
YEAR	1850	2263	843	33	1	0	4990

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.3	0.8	1.5	2.3	3.9	4.9	6.5	7.6	19	2.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	2	2	2	2	2
2	2	1	1	2	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2
3	1	1	1	1	2	1	2	3	4	3	3	2	2	2	1	1	2	3	3	3	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	3	4	4	4	2	4	4	3	3
5	3	3	2	3	3	2	3	3	5	4	4	3	3	3	3	4	4	8	9	7	7	6	7	5	4
6	5	6	6	5	4	4	4	5	5	4	3	3	3	3	4	4	4	3	3	3	3	4	3	3	4
7	3	3	3	3	3	3	4	3	4	3	4	4	3	3	4	5	7	6	5	4	4	4	4	4	4
8	4	5	4	3	4	4	4	4	5	4	3	3	3	3	3	4	7	4	5	5	5	5	5	4	4
9	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	4	4	4	3
10	3	3	3	3	3	5	6	6	8	3	3	3	2	2	2	2	4	6	3	2	2	3	3	10	4
11	12	8	5	3	1	1	0	1	2	1	1	1	1	1	2	3	4	3	2	2	3	4	3	3	3
12	4	3	3	3	3	3	3	3	4	4	3	2	4	2	2	4	4	5	5	5	6	3	4	3	3
13	3	3	3	3	3	3	3	3	3	3	3	5	3	4	3	4	4	4	4	4	4	3	4	3	3
14	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	3	3	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	3	3	2	2	2	3	3	3	4	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 52

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
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27																									
28																									
29																									
30																									
31																									
MEAN	4	3	4	3	3	3	4	4	5	5	4	4	3	3	3	4	5	4	4	4	4	3	4	4	4

PERCENTAGE OF DATA VALID - 29

UNITS - PARTS PER MILLION

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	4	5	6	7	14	11	8	7	5	5	5	5	5	4	4	5	4	2	2	2	2	5
2	2	2	2	2	2	1	2	3	4	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
3	1	1	1	2	0	0	0	1	3	2	1	2	2	2	2	2	3	3	3	2	2	2	3	2	2
4	3	3	3	2	2	1	2	2	3	2	2	2	2	3	3	4	4	4	3	4	5	4	3	3	2
5	2	3	2	1	3	2	2	3	1	2	3	2	1	1	1	2	2	2	2	2	1	2	3	3	2
6	2	2	2	2	1	1	1	2	3	3	2	2	3	4	4	5	6	5	3	2	2	2	5	3	3
7	2	3	3	2	2	3	4	8	5	3	3	2	3	1	2	5	5	5	3	2	2	3	2	2	3
8	2	3	3	1	1	0	1	1	1	1	2	3	4	4	3	1	2	3	4	4	4	4	5	3	3
9	5	2	3	1	2	3	3	5	5	6	5	5	6	5	4	2	2	2	1	2	2	2	2	4	3
10	5	4	2	1	1	2	3	5	5	4	4	5	5	4	3	3	4	6	5	5	5	5	5	7	4
11	6	5	5	4	2	3	3	1	2	2	5	3	3	6	5	4	4	3	3	5	6	6	8	8	4
12	8	7	7	6	4	3	3	1	4	4	4	4	4	4	4	4	4	4	4	5	5	6	8	6	5
13	4	4	3	3	3	3	3	3	2	2	3	3	2	3	3	3	3	3	3	3	4	3	4	3	3
14	4	3	3	4	4	1	1	1	2	2	3	3	2	3	3	3	3	3	3	3	4	3	4	3	3
15	4	4	4	4	5	3	1	1	4	4	4	3	3	3	3	3	5	5	3	3	2	2	4	4	3
16	4	4	4	3	3	3	3	4	5	4	7	3	2	3	3	3	5	5	5	1	2	6	4	4	4
17	3	4	3	4	4	4	4	5	5	4	6	4	4	3	3	3	4	4	4	4	4	4	4	4	4
18	4	4	2	1	2	2	3	2	2	1	2	4	2	2	3	3	2	4	4	4	4	3	3	3	3
19	2	3	2	2	2	2	1	1	2	1	1	1	0	1	3	3	2	3	3	2	1	1	1	1	2
20	0	1	0	0	2	1	0	1	1	1	1	2	1	1	2	2	4	3	1	1	1	2	1	1	1
21	2	0	2	3	2	1	2	3	2	1	1	3	3	2	1	1	2	1	0	1	2	0	2	3	2
22	2	2	2	2	2	2	2	2	2	2	2	3	1	4	1	2	4	4	0	0	2	2	0	1	2
23	0	3	3	1	1	0	0	1	1	0	0	1	0	1	1	1	2	1	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	2	2	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
26	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1	2	0	0	0
27	0	0	1	1	1	2	3	4	3	1	1	1	0	1	1	0	1	0	0	1	1	2	1	0	1
28	0	1	0	0	0	0	1	1	2	1	0	0	0	0	1	2	3	3	1	2	2	1	1	1	1
29	0	0	0	0	0	1	2	3	3	2	1	0	0	0	1	1	3	3	1	2	2	1	1	1	1
30												-	-	-	-	-	-	-	-	-	-	-	-	-	1
31												-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	2	3	2	3	3	2

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER MILLION

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA MISSING	-											
2												-	DATA MISSING	-											
3												-	DATA MISSING	-											
4												-	DATA MISSING	-											
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10												-	DATA MISSING	-											
11												-	DATA MISSING	-											
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15												-	DATA MISSING	-											
16												-	DATA MISSING	-											
17												-	DATA MISSING	-											
18												-	DATA MISSING	-											
19												-	DATA MISSING	-											
20												-	DATA MISSING	-											
21												-	DATA MISSING	-											
22												-	DATA MISSING	-											
23												-	DATA MISSING	-											
24												-	DATA MISSING	-											
25												-	DATA MISSING	-											
26												-	DATA MISSING	-											
27	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000										
28	3	2	2	2	2	3	4	6	4	3	3	2	2	2	2	3	2	2	2	3	3	5	4	4	0.000
29	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	5	5	4	7	4	4	3	3	3	3
30	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	2	2	2	2	4	6	3	3	2	3
MEAN	3	2	2	2	2	3	3	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	

PERCENTAGE OF DATA VALID - 11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	3	4	3	3	2
2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	3	4	2	2	2	1	1	1	1	2	2	2	2	3	3	2	3	3	2
12	3	4	3	2	3	2	2	3	2	2	2	2	2	2	1	2	2	1	1	2	1	1	1	1	2
13	1	1	1	1	1	1	1	2	3	2	3	2	1	1	2	1	2	0	1	1	2	1	1	1	1
14	2	2	2	1	1	1	2	3	2	4	4	3	3	3	2	2	2	2	3	3	2	2	1	1	2
15	1	1	1	1	0	1	1	2	2	2	2	2	2	2	3	4	5	5	5	5	5	7	7	12	3
16	- DATA MISSING -																								
17	- DATA MISSING -																								
18	- DATA MISSING -																								
19	- DATA MISSING -																								
20	- DATA MISSING -																								
21	- DATA MISSING -																								
22	- DATA MISSING -																								
23	- DATA MISSING -																								
24	- DATA MISSING -																								
25	- DATA MISSING -																								
26	- DATA MISSING -																								
27	- DATA MISSING -																								
28	- DATA MISSING -																								
29	- DATA MISSING -																								
30	- DATA MISSING -																								
31	- DATA MISSING -																								
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 47

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	2	2	2	2	3	4	6	8	10	3	3	3	3	3	6	6	3	2	2
2	3	3	3	3	3	3	4	5	3	3	3	3	3	3	3	4	3	2	2	2	2	2	2	1	3
3	1	1	1	1	1	1	2	3	2	1	2	2	2	2	2	2	1	1	1	2	3	4	5	4	2
4	3	3	2	2	2	2	4	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	4	4	2
5	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2
7	2	2	2	2	1	2	3	3	2	1	2	2	2	2	3	3	2	2	2	2	2	1	1	1	2
8	1	1	0	0	0	1	2	3	3	2	2	2	2	1	1	2	3	2	2	1	1	1	1	1	1
9	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
10	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	2	2	1	2	3	3	4	4	2
11	3	4	3	2	2	3	3	4	3	3	2	2	2	4	3	3	3	2	2	3	2	2	2	2	3
12	2	2	2	2	3	2	4	3	3	3	3	3	3	3	2	3	2	2	2	4	6	5	4	4	3
13	4	3	3	2	1	2	3	2	2	2	2	2	2	2	2	2	3	3	4	4	5	3	3	3	3
14	2	3	3	2	2	3	5	5	5	4	4	3	4	2	3	4	4	3	4	5	3	3	3	3	3
15	3	2	2	2	2	2	4	7	5	3	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3
16	5	5	4	3	3	3	4	5	3	3	3	3	4	5	4	4	5	4	4	4	4	4	4	4	4
17	4	3	3	3	3	3	4	4	4	5	5	5	4	5	5	5	4	4	4	4	4	4	3	4	4
18	3	3	3	3	3	5	7	6	3	3	3	3	3	3	3	4	3	3	3	4	4	3	3	3	4
19	4	4	3	3	3	4	6	6	6	5	5	4	3	3	4	4	3	4	4	5	5	4	4	4	4
20	- DATA MISSING -																								
21	2	2	1	1	1	1	2	3	3	3	2	2	2	2	2	3	2	1	1	2	2	2	2	1	2
22	1	1	1	1	1	1	2	4	5	5	5	4	4	4	4	4	4	3	3	4	5	5	7	5	3
23	1	1	1	1	1	1	2	4	5	5	5	4	4	4	4	4	4	3	3	4	5	5	7	5	3
24	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
28	0	0	0	0	0	0	1	2	2	1	1	1	1	0	1	1	1	1	2	2	1	2	2	1	1
29	1	0	0	0	0	0	2	4	3	1	2	2	2	2	2	2	4	2	1	1	1	1	2	2	2
30	1	0	0	0	0	0	2	5	4	1	2	2	2	1	1	2	2	1	1	1	2	1	2	3	2
31	2	2	1	3	2	2	4	5	3	2	2	2	3	3	3	3	3	2	3	3	2	3	3	3	3
MEAN	2	2	2	2	2	2	3	4	3	2	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	3	2	3	6	7	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	3	3
2	4	2	1	1	1	0	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	4	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2
4	4	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	4	6	4	2	2	1	2	2	2	2	3	3	2	2	2	2	2	2	2
6	2	2	2	1	1	2	3	5	5	2	2	1	2	2	2	2	2	2	2	2	2	2	4	4	2
7	3	2	2	3	2	3	3	3	3	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3
8	3	2	2	2	2	3	4	6	1	1	1	4	3	2	3	4	3	2	2	1	1	1	1	1	3
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
10	2	2	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
11	1	1	1	1	1	3	5	5	3	3	3	2	2	3	3	3	2	2	3	2	3	2	3	2	2
12	2	2	1	2	2	2	3	4	4	4	3	4	3	3	2	2	2	3	3	3	2	3	3	3	3
13	3	3	2	2	2	2	3	4	5	4	3	4	6	4	5	5	4	3	3	3	3	2	3	3	3
14	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	1	1	1	2	3	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	1	1	1	2	3	3	3	4	4	2	2	3	2	2	2	2	2	2	2	2	2	2	2
17	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	2	2
18	2	2	2	1	2	2	2	3	3	3	3	2	3	2	2	4	5	4	4	4	4	4	4	2	3
19	2	2	2	1	2	2	2	3	3	3	3	3	3	3	3	3	4	3	4	4	4	4	5	3	3
20	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	4	4	3	4	4	3	4	4	4	3
21	4	4	3	3	3	3	4	4	4	4	4	4	4	2	2	3	3	2	3	4	3	2	2	2	3
22	1	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
23	3	3	3	3	2	2	3	4	4	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	3
24	3	3	2	2	2	2	2	3	2	3	3	2	2	2	2	3	3	4	3	4	4	4	4	4	3
25	8	5	3	3	3	3	5	7	3	2	2	2	2	2	2	3	4	4	5	7	7	7	7	7	3
26	2	2	1	1	1	1	1	3	3	2	2	2	2	2	2	4	5	5	5	1	1	1	1	1	3
27	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	0	1	1	1	1	2	2	1	2	2	2	2	2	1	1	1	1	3	3	3	3	3	3
29	2	2	1	1	1	1	1	2	1	2	2	2	4	2	2	4	6	7	5	3	3	3	3	3	3
30	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
2	2	2	2	2	2	2	3	2	2	2	2	1	2	2	2	2	3	3	2	2	2	3	6	7	3
3	5	4	3	3	3	3	4	6	7	5	3	5	4	4	4	4	5	4	4	3	3	3	3	3	4
4	3	3	2	2	3	3	4	6	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	2	2	2	2	2	3	4	3	3	2	4	4	4	3	4	4	4	4	4	3	3	4	4	3
6	3	3	3	3	3	3	4	8	9	8	5	5	4	5	5	7	11	9	6	6	5	4	3	2	5
7	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	3	2	2
8	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	1	1
10	2	2	2	1	1	2	3	6	5	2	1	1	1	1	2	2	2	2	1	1	2	1	1	1	2
11	2	2	2	1	1	1	2	3	3	2	2	2	2	3	2	4	3	3	3	2	2	2	2	2	2
12	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
13	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	3	3	2	2	2	2	3	3	2	2	2	2	3	2	2	4	3	3	3	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	3	3	3	3	2
23	2	2	2	2	2	2	2	4	4	5	3	3	2	4	5	4	4	3	3	3	4	3	3	3	2
24	2	2	2	1	1	1	2	3	3	2	2	2	2	3	2	3	3	3	2	2	2	2	2	1	2
25	1	1	1	1	1	1	1	2	2	2	2	1	2	2	3	3	3	2	2	2	2	2	3	2	2
26	2	1	1	1	2	2	3	3	2	2	3	2	2	2	3	3	3	2	2	2	3	3	3	2	2
27	2	2	2	2	2	2	3	5	5	4	3	4	4	5	4	4	4	4	3	3	3	3	4	4	3
28	5	4	3	3	3	3	3	4	5	5	4	4	4	5	6	7	6	6	8	8	4	4	4	4	5
29	3	3	2	2	2	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2
30	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	4	5	3	3	3	3	3	3	3	2
31	3	2	1	1	1	1	2	3	4	3	2	2	2	2	2	2	3	3	2	4	4	3	2	2	2
MEAN	2	2	2	2	2	2	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	2	3

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	1	2	3	4	3	3	3	2
2	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
3																									
4																									
5																									
6																									
7																									
8																									
9	4	4	4	4	4	4	4	5	5	5	5	5	4	5	5	6	7	6	6	5	4	4	4	4	5
10	3	3	3	2	2	2	2	4	4	3	3	3	3	2	2	3	3	3	2	2	2	2	2	3	3
11	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3
12	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3
13	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	4	5	4	3	3	3	3	3	3
14	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	3	2	2	2	3	2
15	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	4	4	4	4	4	3	4	4	3	3
16	3	3	3	3	3	3	3	4	5	4	5	5	5	5	5	2	4	3	4	3	3	3	3	3	3
17	3	4	4	3	3	3	3	4	6	6	6	6	6	6	5	7	6	7	7	7	6	5	5	5	5
18	5	4	3	4	3	3	4	4	5	5	5	5	5	4	5	5	6	6	6	6	7	7	7	7	5
19	7	7	6	6	5	4	3	3	3	2	2	2	2	2	3	3	3	2	2	2	2	3	3	3	3
20	2	1	1	2	2	2	2	3	3	4	4	5	5	5	5	5	7	9	10	8	7	7	6	6	5
21	5	5	4	4	4	4	5	6	7	10	9	8	6	7	7	7	8	10	9	7	7	7	7	7	7
22	7	6	6	5	5	5	5	6	7	7	6	6	6	6	6	7	8	9	8	7	7	7	7	7	7
23	7	7	6	6	6	6	6	6	7	8	8	7	7	6	6	7	8	8	8	8	7	7	7	6	7
24	6	6	5	5	5	5	5	6	6	6	7	7	7	7	***	6	6	6	6	5	5	6	6	6	6
25	5	6	6	5	4	4	4	5	6	7	5	4	4	4	5	5	5	6	6	5	5	5	5	5	5
26	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4
27	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28																									
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	6	5	4	4	4	4	4	4	5	5	4	4	3	4	4	4	5	6	6	6	6	6	6	7	***
MEAN	4	4	4	3	3	3	3	4	4	5	5	4	4	4	4	5	5	5	5	5	4	5	5	5	4

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	6	6	7	6	6	5	5	6	5	5
2	5	5	5	5	6	5	5	5	5	6	6	6	5	6	6	7	8	7	6	6	6	6	8	9	6
3	8	7	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	5	5	5	4	5
4	4	3	3	2	2	2	3	4	4	4	3	4	4	4	4	4	5	6	4	3	3	3	3	3	4
5	2	2	2	2	2	2	2	3	5	7	7	7	8	7	6	5	7	9	9	7	7	7	6	6	5
6	6	6	5	5	5	6	6	9	9	7	5	5	5	5	4	5	7	8	7	7	7	6	6	6	6
7	6	5	5	5	5	5	6	7	8	8	7	7	7	7	7	7	8	10	9	9	10	8	8	7	7
8	8	7	7	7	7	7	6	7	7	7	8	8	8	9	9	10	10	10	10	9	9	9	9	9	8
9	9	9	8	8	8	8	8	8	8	9	9	9	10	11	11	11	12	11	9	9	9	10	9	9	9
10	9	9	9	9	9	8	8	8	9	9	9	9	9	9	9	10	10	9	9	8	8	8	8	8	9
11	8	7	7	7	7	7	7	8	9	8	***	5	6	5	5	5	6	6	5	5	5	5	5	6	6
12	6	5	4	4	4	4	5	6	8	8	8	5	5	4	4	4	5	4	4	4	5	5	5	6	5
13	6	6	5	5	5	4	4	5	5	5	4	3	3	3	3	4	4	5	5	4	4	3	4	4	4
14	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	6	6	5	5	5	4	3	4
15	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	3	4	5	4	3	4	3	3	2	3
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
17	2	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	1	1	2	3	3	2	2	3	3	3	4	4	5	4	4	3	3	3	3	3
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20	5	4	4	4	3	3	3	3	3	3	2	2	2	2	3	4	4	4	3	3	2	2	2	1	3
21	1	1	1	1	1	1	2	2	2	2	4	5	5	5	4	6	5	6	6	6	6	6	5	5	4
22	4	3	3	3	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
23	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
31	2	2	2	2	2	1	1	2	2	2	2	4	6	5	4	5	4	4	4	4	4	4	4	4	3
MEAN	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	4	4

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	3	4	12
FEB	9	4	6	10
MAR	29	2	5	14
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	4	3	4	7
JUL	15	2	3	12
AUG	30	3	4	10
SEP	30	2	3	10
OCT	31	3	5	11
NOV	24	4	7	10
DEC	31	4	9	12
YEAR	220	3	9	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	45	225	121	3	0	0	394
FEB	20	79	101	5	0	0	205
MAR	230	271	174	2	0	0	677
APR	DATA MISSING						
MAY	DATA MISSING						
JUN	0	58	25	0	0	0	83
JUL	114	196	45	2	0	0	357
AUG	153	389	142	2	0	0	686
SEP	132	489	91	1	0	0	713
OCT	101	501	106	3	0	0	711
NOV	22	179	312	7	0	0	520
DEC	50	258	363	55	0	0	726
YEAR	867	2645	1480	80	0	0	5072

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
69	0	0.6	1.4	2.1	3.1	4.9	6.2	7.7	8.6	14		3.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	4	3	2	2	2	2
2	1	1	0	0	0	0	1	1	1	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
3	1	0	0	0	0	1	1	2	2	1	1	1	0	0	0	2	4	4	3	3	3	3	3	4	2
4	4	3	3	2	2	2	3	4	5	5	5	4	4	4	4	5	6	6	4	4	5	4	5	5	4
5	4	5	4	4	4	4	5	7	7	7	7	7	5	4	4	6	8	9	10	8	7	7	8	7	6
6	6	7	6	6	5	5	5	6	6	6	5	5	4	4	4	4	6	5	5	4	3	4	4	4	5
7	4	4	3	3	3	3	3	4	4	4	4	4	3	2	2	2	4	3	3	3	3	3	3	4	3
8	3	3	3	4	4	4	5	5	6	6	6	6	6	5	5	6	5	5	5	5	5	5	6	5	5
9	4	4	3	3	3	3	2	3	3	2	2	2	2	3	3	4	4	3	3	3	3	3	4	4	3
10	4	3	3	3	3	3	4	6	7	8	7	4	3	3	3	4	6	7	3	2	3	4	4	4	4
11	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	3	2	2	2	3	3	2	1	2
12	2	2	1	0	1	0	2	3	2	3	2	1	1	1	1	1	3	2	1	0	0	0	1	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	2	1	1	1	1	1	1	2	3	2	2	2	9	4	2	3	7	8	5	4	3	3	2	2	3
21	2	2	2	2	3	3	4	5	6	11	5	6	7	7	6	6	5	6	5	4	4	4	4	3	5
22	3	3	3	3	3	3	2	3	3	3	3	4	4	5	6	3	2	3	2	2	2	2	3	2	3
23	3	3	3	3	3	3	1	1	1	1	1	1	1	1	3	4	2	2	2	3	3	2	2	3	2
24	2	2	2	2	2	2	1	2	3	2	2	3	1	3	2	1	2	1	0	0	0	1	2	2	2
25	1	0	1	1	1	1	0	1	1	1	1	1	1	1	2	1	3	3	3	2	2	2	4	3	2
26	4	4	4	4	4	4	5	5	6	5	4	4	4	4	4	4	5	5	5	4	5	5	4	4	4
27	5	5	4	4	4	4	5	6	6	5	4	4	4	4	4	4	5	5	5	4	5	5	4	4	4
28	5	5	4	4	4	4	5	6	6	5	4	4	4	4	4	4	5	5	5	4	5	5	4	4	4
29	4	4	5	5	4	4	5	6	6	6	5	5	5	4	4	5	5	5	5	6	6	6	5	6	5
30	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	5	4	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	6	7	7	7	6	5	5	5	5	5	8	7	6	5	5	5	5	5	6
MEAN	3	3	3	3	3	2	3	4	4	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	5	5	5	7	6	6	5	4	0	0	0	0	4	5	5	6	5	6	7	5	5
2	3	4	3	3	3	2	2	2	1	1	1	1	1	1	1	0	0	0	1	3	1	1	1	1	2
3	0	1	0	0	0	0	0	1	1	1	2	3	2	1	2	2	2	2	2	4	7	4	2	2	2
4	2	2	2	2	1	1	1	1	1	1	1	2	1	2	1	1	2	2	2	2	1	2	2	2	2
5	3	3	3	3	3	3	3	4	3	3	3	3	4	2	2	3	3	3	4	4	4	4	4	4	4
6	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4
7	4	4	4	4	4	5	6	6	7	6	4	4	4	3	3	3	6	6	6	5	4	4	4	4	4
8	4	4	4	4	4	4	5	6	6	7	5	1	1	1	1	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	3	4	3	1	1	1	0	0	1	2	1	2	2	1	2	2	2	2
10	2	2	2	2	2	2	2	4	6	6	6	6	0	0	0	0	1	1	1	1	0	0	0	1	1
11	0	0	0	0	0	0	2	3	6	2	2	1	1	0	0	0	1	0	0	0	0	1	0	1	1
12	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	5	4	2	2	2	1	1	1	2	2	0	0	3	5	1	1	6	2	2	3	4	3	3	4	4
18	1	1	1	0	0	0	1	1	1	2	1	1	2	3	4	3	6	5	7	3	2	2	2	2	2
19	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	2
20	3	4	4	4	5	5	6	6	6	6	6	6	6	5	4	6	5	6	6	6	6	8	9	9	6
21	9	9	9	8	8	8	7	6	6	6	6	6	3	1	1	2	3	2	1	0	0	0	0	0	4
22	0	0	0	1	1	2	2	2	2	2	2	3	3	1	1	1	6	9	2	3	3	3	3	3	3
23	4	5	4	3	3	3	3	6	4	2	1	1	0	0	0	0	1	2	1	1	1	1	1	1	1
24	3	4	3	2	2	2	3	4	5	3	2	2	2	3	3	3	6	4	2	3	4	3	3	4	3
25	5	3	3	2	2	2	3	6	12	8	9	5	2	2	2	1	5	3	1	1	1	1	1	1	1
26	1	1	1	1	1	1	2	3	2	3	3	2	2	2	2	0	1	2	1	1	2	1	1	3	3
27	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	1	1	1	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	3	3	3	2	2	2	3	4	4	3	3	2	2	2	2	2	3	3	2	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10	6	6	6	6	6	5	7	8	7	6	7	6	6	5	5	6	7	5	5	6	6	6	6	6	6
11	9	8	7	5	4	4	4	5	5	5	5	5	5	5	5	5	4	4	4	5	6	5	9	9	6
12	7	6	6	5	5	4	4	3	3	3	3	3	3	2	2	3	3	3	3	4	5	5	6	5	4
13	3	2	2	2	2	2	3	3	2	2	2	2	3	2	2	2	4	3	2	2	1	0	1	1	2
14	1	1	1	1	0	0	1	1	0	0	1	1	2	2	1	2	3	4	3	2	2	2	2	2	1
15	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	3	2	1	2	1	1	2
16	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	2	4	3	4	4	4	3	3	3	2
17	3	3	4	4	3	3	3	4	4	4	3	3	2	2	2	2	3	3	3	3	2	2	2	2	3
18	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	3	3	4	4	4	4	4	4	6	3
19	6	6	6	6	5	6	6	6	5	5	5	5	4	3	3	5	5	5	5	5	6	6	5	5	5
20	5	5	5	5	5	4	4	5	5	4	4	4	4	3	3	4	5	5	3	3	2	2	2	2	4
21	2	2	2	2	2	2	1	2	2	1	1	1	0	0	0	0	0	1	1	1	0	0	2	2	1
22	2	2	1	1	0	1	2	2	2	3	3	3	3	2	2	3	3	3	3	4	3	3	3	3	2
23	3	3	3	3	3	3	3	4	4	4	3	3	3	6	4	4	5	5	4	5	5	5	5	5	4
24	5	7	5	5	5	5	5	5	5	5	5	3	1	0	0	1	2	4	4	4	5	6	7	8	4
25	6	6	6	6	6	6	6	6	6	6	6	6	5	4	4	4	4	4	5	6	6	6	6	7	6
26																									
27																									
28													- DATA MISSING -												
29	2	2	1	1	1	1	2	2	4	5	1	0				0	2	1	1	2	1	2	2	2	2
30	0	0	0	0	0	0	0	0	0	0	1	0				1	1	1	0	0	1	1	1	1	1
31	1	1	1	0	0	0	1	2	1	1	1	0	0				0	0	1	1	1	1	2	1	1
MEAN	4	4	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3

PERCENTAGE OF DATA VALID - 63

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	1	1	1	0	0	0	0	2	2	1	1	1	1	1	1	1	1	1	1
2	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1
3	1	1	1	1	0	1	1	2	2	1	1	0	0	0	0	0	1	1	0	0	2	1	1	1	1
4	1	0	0	0	0	1	2	3	5	3	2	1	1	0	0	0	1	1	1	2	2	1	1	2	1
5	1	1	1	1	2	3	3	4	3	3	3	1	1	0	0	0	0	0	0	0	1	1	1	1	1
6	1	1	1	1	1	1	1	1	2	2	2	2	3	4	3	3	4	5	4	3	3	3	3	3	2
7	4	4	3	4	4	4	4	5	5	5	3	3	3	3	3	3	4	5	3	3	3	3	3	4	4
8	3	3	3	3	3	3	4	4	4	4	3	6	4	3	3	3	3	2	2	2	3	3	3	4	3
9	3	3	2	3	3	2	2	3	2	2	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14	2	2	2	2	3	2	3	3	4	2	3	4	4	2	2	2	2	2	2	2	2	2	2	3	3
15	2	2	2	2	2	2	2	2	3	3	3	3	4	5	4	4	4	3	3	3	4	4	4	4	3
16	4	4	4	6	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	4	4	3	3	3	3	4	4	4	3	3	2	3	4	3	3	2	3	3	3	3	3	3	3	3
18	3	4	3	3	3	3	4	4	5	4	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3
19																									
20	3	2	2	2	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3
21	3	3	2	2	3	3	3	3	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
22	2	2	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	3	3	3	3	3	2
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25																									
26																									
27																									
28	3	3	3	2	2	2	3	4	3	3	3	2	1	1	1	1	2	1	0	0	1	1	1	1	2
29	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	1	2	3	4	4	4	1
30	4	4	4	4	4	4	3	2	2	2	2	2	2	2	2	2	3	3	4	5	5	4	4	3	3
MEAN	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	6	6	5	3	4	3	7	4	3	6	4	3	3	3	3	3	3	3	4
2	3	3	3	3	3	3	3	5	6	4	4	3	3	3	3	7	3	3	3	3	3	3	3	3	4
3	3	4	3	4	4	4	5	4	4	3	3	3	4	4	4	4	3	3	3	3	4	4	4	4	4
4	4	4	4	4	4	4	4	6	5	4	4	4	4	4	4	5	4	3	3	3	3	4	4	4	4
5	4	4	4	4	4	4	5	4	3	3	2	2	2	2	5	4	4	4	4	5	6	6	6	6	4
6	6	6	6	6	6	7	7	7	7	7	7	6	7	7	8	7	6	6	6	6	6	5	6	7	6
7	7	7	7	7	7	7	8	7	7	7	7	7	8	8	8	8	9	9	9	9	10	11	10	9	8
8	8	8	8	8	8	8	8	10	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9																									
10																									
11																									
12																									
13	10	9	7	7	7	8	9	8	7	7	6	6	5	6	6	5	5	5	5	6	6	6	7	7	7
14	8	7	7	6	6	6	7	7	7	7	7	7	7	7	7	7	7	8	9	8	8	8	8	8	7
15	6	7	7	7	6	7	8	9	8	8	9	8	7	7	8	8	7	6	5	6	5	7	9	8	7
16	7	7	7	7	6	7	8	9	9	9	10	10	7	6	6	6	5	5	5	5	6	6	7	7	7
17	6	6	5	6	5	6	6	8	6	5	7	3	3	3	3	3	3	3	3	3	3	3	3	3	5
18																									
19																									
20	5	4	4	3	3	3	3	3	3	3	4	2	3	4	3	3	3	3	4	5	5	6	5	5	3
21																									
22	4	4	4	4	4	4	4	5	3	3	3	3	4	4	4	3	3	3	4	4	4	5	5	3	4
23	10	6	4	4	5	6	10	14	11	7	6	5	3	3	3	4	3	3	3	3	3	7	14	12	5
24	3	3	2	3	3	2	5	6	5	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	2
25	3	3	3	3	3	3	3	6	5	4	3	2	2	2	2	3	3	3	3	3	3	6	6	4	3
26	4	4	3	3	3	4	6	6	6	5	5	4	2	2	2	2	2	2	4	3	5	6	8	7	4
27	10	13	8	7	5	6	6	5	5	4	4	4	3	3	3	3	3	3	4	4	5	7	6	6	5
28	4	4	4	4	5	5	6	8	6	6	6	5	4	4	4	4	4	3	3	3	4	3	3	3	4
29	3	3	3	3	3	4	4	5	5	4	4	5	5	5	5	8	8	5	4	3	4	3	6	5	5
30																									
31	4	4	4	3	3	4	4	8	6	5	6	5	6	7	6	7	8	5	5	5	4	4	5	4	5
MEAN	5	5	5	5	5	5	6	6	6	5	5	4	4	4	4	5	4	4	4	5	5	6	6	6	5

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	4	5	6	6	5	5	5	5	5	5	6	10	11	10	7	6	8	7	7	7	6
2	8	8	8	9	10	12	12	15	11	9	7	6	5	5	6	6	6	5	5	5	5	6	6	6	8
3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	6	6	6	6	6	6
4	6	6	5	6	6	6	6	5	5	5	5	5	5	5	5	4	4	4	4	5	5	5	5	5	5
5	5	5	5	5	5	5	6	7	5	4	4	4	4	4	4	5	5	4	4	4	5	5	5	5	5
6	5	5	5	5	5	5	6	7	6	5	5	5	4	4	5	4	4	3	3	3	3	4	4	4	5
7	5	4	4	4	4	4	5	6	5	4	3	3	3	3	4	4	5	4	3	3	3	4	4	4	5
8	4	4	4	4	5	4	4	5	5	4	3	3	4	4	4	4	3	3	3	3	3	4	4	4	4
9	4	4	3	3	3	4	4	5	4	3	3	2	2	2	2	3	2	3	2	3	3	3	5	4	3
10	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4
11	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	4	4	4	4	5	6	6	6	6	5
12	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	6	6	6
13	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	6	6	6
14	6	5	4	3	4	5	7	8	6	5	5	3	3	4	4	6	4	2	3	3	3	3	3	3	4
15	3	3	3	3	3	3	4	3	3	3	3	2	2	2	3	4	3	3	2	2	2	1	2	2	3
16	2	2	2	2	3	3	3	3	3	4	3	2	3	3	3	3	3	2	2	3	4	4	4	3	3
17	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	5	6	8	7	4
18	7	5	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4
19	5	5	6	5	5	5	6	7	6	4	4	4	4	4	4	4	4	3	3	3	3	3	4	4	4
20	5	5	4	4	4	5	6	7	5	4	4	3	3	3	4	4	3	3	2	2	3	3	3	3	4
21	3	3	3	3	3	4	5	6	6	5	6	6	6	4	4	6	6	5	5	4	4	4	4	4	5
22	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	3	4
23	4	4	4	5	4	4	4	5	4	4	4	4	4	5	5	6	6	7	7	7	6	7	7	6	5
24	6	5	5	5	5	5	5	8	10	12	9	10	7	6	6	7	8	9	8	9	8	9	8	8	7
25	8	9	8	8	7	7	6	6	6	6	6	6	5	6	6	5	5	6	6	7	7	9	8	9	7
26	9	9	8	8	8	8	8	8	8	15	12	9	9	8	8	7	6	7	8	8	8	8	9	8	8
27	6	6	6	6	6	7	9	9	7	7	7	6	6	6	6	8	7	5	5	5	7	9	8	8	7
28	7	6	6	5	6	7	8	9	7	6	6	5	5	5	6	7	5	5	5	5	5	5	5	5	6
29	5	5	5	5	5	5	6	6	5	5	5	5	6	6	7	7	8	7	9	9	7	6	6	6	6
30	5	5	5	5	5	5	5	6	6	5	5	5	5	6	6	7	6	6	6	8	9	7	6	6	6
MEAN	5	5	5	5	5	5	6	6	6	5	5	5	5	4	5	5	5	4	4	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	7	7	7	7	6	6	7	6	6	6	6	6	5	5	5	5	5	6	7	9	7	7	6
2	8	7	7	6	6	6	6	6	6	6	5	6	6	6	5	5	5	5	5	5	7	9	7	7	6
3	6	5	5	5	6	6	7	7	6	5	5	6	6	7	6	6	6	6	5	6	7	6	7	6	6
4	6	5	5	4	4	5	6	8	7	5	6	5	5	4	4	4	6	5	4	4	4	4	4	5	5
5	5	5	6	7	7	7	9	8	6	5	6	5	4	4	5	6	5	5	4	5	5	5	5	5	6
6	5	5	5	7	7	7	6	7	5	6	5	5	5	5	6	5	5	5	5	6	6	6	6	5	6
7	5	5	6	7	7	6	6	5	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5
8	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5
9	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5
10	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5
11	5	5	4	4	4	6	7	8	3	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4	4
12	4	4	4	3	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	1	1	1	2	2	2	3	3	4	3	3	2	2	3	2	3	2	2	2	2	2	2	2	2	2
14	3	3	3	2	2	2	3	3	3	4	4	3	3	2	2	3	2	2	2	2	2	2	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	4	3	2
16	4	5	4	3	2	4	3	3	3	2	2	1	1	1	1	1	1	1	2	2	2	3	2	3	2
17	4	3	2	2	2	3	3	4	3	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2
18	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	2	2	2	1	2	3	3	3	1	2
19	0	0	0	0	0	0	1	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
20	1	1	1	1	0	1	3	3	3	3	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1
21	1	0	0	0	0	1	2	1	1	1	0	0	2	2	3	3	3	2	2	2	3	3	3	3	2
22	3	3	3	3	3	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	3
23	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	3	4	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	1	2
25	1	1	2	2	2	3	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	3	4	3	3	2	2	2	2	3	2	4	3	3	3	3	3	3	4	4	3
27	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4	4	4
28	3	3	3	3	3	4	4	4	3	3	3	4	3	3	3	4	5	4	3	3	4	5	4	4	4
29	4	4	4	3	3	4	5	4	4	3	4	3	3	3	3	3	3	3	3	4	4	5	4	5	4
30	6	9	7	5	5	6	6	5	4	3	3	3	2	2	3	3	3	4	4	4	4	4	3	3	4
31	3	5	4	4	4	5	7	7	6	5	5	4	4	3	4	4	4	4	3	3	4	4	4	4	4
MEAN	3	3	3	3	3	4	5	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	4	4	5	4	4	4	4	4	4	3	3	4	3	4	3	4	6	6	5	4	4
2	4	3	3	3	3	3	4	3	3	3	3	5	7	8	8	6	6	4	4	4	4	4	4	5	4
3	4	4	4	4	4	4	5	5	4	3	3	3	4	4	4	4	4	4	5	6	4	3	3	3	4
4	4	4	4	4	4	4	5	5	4	3	4	3	3	3	2	1	1	1	1	2	2	4	5	4	3
5	3	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	1	1	1	2	2	2	3	3	2
6	3	3	2	2	2	2	3	3	3	2	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2
7	2	2	2	2	2	3	4	3	2	2	3	3	3	4	4	2	2	2	3	3	2	2	2	2	3
8	2	2	2	2	2	3	3	4	3	3	2	2	2	2	2	5	3	3	2	2	2	2	3	3	3
9	3	3	3	3	3	3	3	3	2	2	1	1	1	1	2	2	2	2	2	3	2	3	3	3	2
10	3	2	2	3	3	3	4	4	2	2	1	1	1	1	1	2	2	2	2	3	4	4	5	4	3
11	4	4	4	3	3	3	4	5	2	3	2	2	2	3	3	3	3	3	2	3	3	3	3	3	3
12	3	3	3	3	4	4	5	4	4	3	4	4	4	4	3	4	2	2	3	4	5	5	4	4	4
13	4	4	3	3	2	3	4	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	4	3	3
14	2	4	3	3	3	4	5	4	3	3	3	3	3	3	3	3	3	2	4	3	3	2	2	2	3
15	3	3	3	3	3	4	5	5	4	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
16	4	5	4	3	3	3	3	4	2	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3
17	3	2	2	2	2	3	3	2	2	2	3	3	1	1	1	3	3	3	3	3	3	3	3	3	2
18	3	3	3	3	3	3	5	6	4	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
19	3	3	3	3	3	3	5	6	4	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
20	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	1	2	3	3	3	3	3	3	2
21	3	3	3	3	4	6	6	7	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	1	3
22	1	2	2	2	2	3	3	3	3	2	2	1	1	2	2	2	2	1	2	2	2	2	1	1	2
23	1	1	1	1	1	2	3	3	1	2	2	3	1	1	1	2	3	2	2	3	3	4	4	3	2
24	3	3	2	2	2	2	4	6	3	3	2	1	1	1	1	1	2	1	1	2	3	2	1	1	2
25	0	0	0	1	1	1	2	1	1	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	1
26	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
28	1	1	1	1	1	1	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
29	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	2	4	4	3	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	1
31	2	2	1	2	3	2	5	8	2	2	2	1	1	1	1	1	1	1	1	1	2	1	2	2	2
MEAN	3	3	2	2	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	5	6	2	1	1	2	2	2	1	1	1	1	1	1	1	1	2	3	2
2	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
3	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
4	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
5	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
6	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
7	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
8	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
9	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
10	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
11	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
12	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
13	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
14	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
15	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
16	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
17	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
18	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
19	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
20	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
21	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
22	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
23	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
24	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
25	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
26	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
27	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
28	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
29	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
30	4	2	1	1	1	1	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2
MEAN	4	3	3	3	3	4	5	5	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	8	6	6	5	5	6	5	5	5	5	5	5	5	7	5	5	5	5	5	5	6	6	5	6
2	5	4	4	4	4	4	4	5	6	5	5	5	4	4	4	5	7	5	4	4	5	7	8	9	5
3	7	6	6	6	5	5	6	8	7	6	4	6	5	4	3	4	4	3	3	3	3	3	3	3	5
4	3	3	3	3	4	4	6	5	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
5	3	2	2	2	2	3	2	4	5	5	3	3	4	4	8	5	8	6	5	4	1	1	2	3	4
6	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	7	7	7	7	7	7	5
7	7	8	7	7	7	7	8	7	7	6	6	6	6	5	5	6	6	5	5	5	6	6	7	7	6
8	7	6	7	7	7	8	8	8	7	7	7	6	6	6	5	5	5	6	7	8	9	9	9	9	7
9	7	6	7	7	7	8	8	8	7	7	7	6	6	6	5	5	5	6	7	8	9	9	9	9	7
10	10	10	10	10	10	10	11	12	9	6	5	5	5	4	5	5	4	4	4	4	4	5	5	6	7
11	6	5	5	5	5	5	5	6	5	4	5	5	4	5	4	5	5	4	4	4	4	4	4	4	5
12	4	4	4	4	4	4	5	4	3	3	3	3	3	3	3	4	4	4	4	3	3	3	4	4	4
13	4	4	4	4	4	4	5	6	6	6	5	4	4	4	4	3	4	4	4	4	3	3	4	4	4
14	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	6	6	7	7	7	8	9	8	8	8	8	8	7	6	6	6	6	7	8	9	8	9	8	8	7
16	8	7	7	7	7	7	6	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	5
17	4	4	4	4	4	5	6	6	5	4	4	4	4	4	4	4	5	5	5	5	5	5	6	7	5
18	7	8	8	8	8	7	8	7	7	6	5	5	4	4	4	5	6	5	5	5	5	5	6	6	6
19	7	7	8	8	8	8	9	8	7	6	5	5	4	4	4	4	4	5	5	5	5	5	6	7	6
20	8	9	9	9	10	10	9	7	6	6	5	5	4	4	4	6	5	5	5	5	5	6	6	5	6
21	6	6	6	6	6	7	8	8	7	7	6	6	6	6	8	8	8	7	8	7	7	7	8	7	7
22	7	7	8	8	8	8	8	8	8	8	8	8	8	8	11	9	9	8	9	9	8	7	8	8	8
23	8	9	8	8	8	8	8	7	7	7	8	6	5	5	5	6	6	6	6	6	6	5	5	5	7
24	5	5	5	5	5	6	6	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5
25	5	5	5	5	5	6	6	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
26	5	5	5	5	5	6	6	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
27	5	5	5	5	5	6	6	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
28	5	5	5	5	5	6	6	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
29	7	6	6	6	6	6	6	7	6	6	6	6	6	8	9	9	8	8	9	10	9	7	10	7	7
30	10	11	11	11	11	11	10	9	8	7	6	6	6	6	6	6	7	8	8	8	8	8	8	8	8
31	8	8	8	9	9	9	10	9	8	6	6	7	5	4	4	7	6	5	5	6	6	5	5	5	7
MEAN	6	6	6	6	6	7	7	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	6	6	6	7	6	5	5	4	4	4	4	4	4	5	6	5	6	5	5	6	6	5
2	6	6	6	6	6	6	6	7	6	5	5	5	5	6	5	5	7	7	7	9	8	6	7	8	6
3	7	5	5	5	5	5	5	5	5	5	4	5	4	4	4	5	6	5	5	5	5	5	5	6	5
4	5	5	5	8	5	5	5	7	7	6	6	6	6	5	5	7	7	8	8	7	7	7	8	7	6
5	7	7	8	8	8	8	8	9	9	8	9	8	7	7	6	7	7	7	7	7	7	7	8	8	8
6	6	9	9	9	9	8	8	9	8	8	6	5	5	5	5	5	6	6	6	6	5	5	5	5	7
7	5	6	6	7	6	6	6	6	6	6	4	4	4	4	5	4	6	6	5	4	4	4	4	4	5
8	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	5	4	4	4	4	4	5	5	4
9	5	5	5	5	5	5	6	6	6	6	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	6	7	6	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
11																									
12																									
13																									
14																									
15	6	6	6	7	6	6	6	7	6	6	5	5	5	5	5	5	7	7	7	7	7	7	7	7	6
16	6	6	6	6	6	5	6	7	7	6	6	5	5	5	4	4	5	5	5	5	5	5	5	5	5
17	5	5	6	5	5	5	5	6	7	7	5	5	4	4	4	4	4	5	5	4	4	4	4	4	5
18	5	5	5	6	6	6	7	7	9	9	9	9	7	5	5	5	6	6	6	7	7	8	9	9	7
19	9	9	9	9	8	8	8	8	7	7	6	6	5	5	5	5	6	6	6	6	6	6	6	6	7
20	6	5	5	5	5	6	5	6	6	5	5	5	4	3	3	4	5	7	7	6	6	6	6	6	5
21	4	5	5	5	6	6	6	7	7	8	7	7	5	5	5	5	6	8	6	6	7	7	7	7	6
22	6	6	6	6	6	6	6	8	9	8	8	7	6	3	4	5	7	8	7	7	8	8	8	8	6
23	7	7	7	7	7	7	7	7	7	6	5	4	4	4	4	4	5	5	5	5	5	5	5	5	6
24	4	4	5	5	5	5	5	6	5	4	5	4	3	3	4	4	4	4	4	4	4	5	5	6	4
25	5	6	6	6	6	6	7	8	8	9	8	7	5	5	6	6	6	6	6	6	6	6	6	7	6
26	5	6	5	5	5	5	6	6	6	6	6	6	5	5	5	6	6	6	6	7	7	7	7	7	6
27	6	6	5	5	5	5	5	5	5	5	5	5	3	3	4	4	5	5	4	5	5	5	5	5	5
28	3	4	4	4	4	4	4	5	5	4	5	5	4	4	4	4	4	5	5	5	5	5	5	5	4
29	4	4	4	4	4	4	4	5	5	6	5	5	3	3	3	3	4	5	6	6	6	6	6	7	5
30	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	5	5	5	5	5	5	6	5
MEAN	6	6	6	6	6	6	6	6	6	6	6	5	5	4	4	5	5	6	6	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	5	5	5	3	3	3	2	3	3	4	4	4	4	4	5	5	5	5	4
2	5	6	6	6	6	5	5	6	7	7	7	5	6	5	6	7	7	6	6	6	6	6	9	9	6
3	8	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	7	7	8	8	8	9	7	7
4	7	7	7	7	7	6	6	7	6	6	5	6	6	5	6	5	6	7	6	5	6	6	5	5	6
5	5	5	6	6	6	6	6	7	8	8	7	8	8	7	6	5	7	8	8	6	6	6	5	5	7
6	5	5	5	5	5	5	5	6	5	3	3	3	3	3	3	3	4	4	4	4	3	4	4	6	4
7	4	5	5	5	5	5	6	8	8	6	6	6	6	6	5	5	6	6	7	7	7	6	5	7	6
8	6	5	5	5	5	5	5	6	5	5	5	6	5	6	5	5	9	6	6	6	5	5	5	7	6
9	5	5	5	5	5	5	5	6	6	6	6	5	6	7	6	6	7	6	5	5	5	5	5	5	6
10	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11																									
12																									
13																									
14																									
15	3	3	4	3	3	4	4	4	4	4	5	4	4	4	4	5	5	6	5	5	5	5	5	4	5
16	5	6	6	6	7	7	7	8	7	7	8	8	6	7	7	7	7	7	8	8	8	8	8	9	7
17	8	8	8	9	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	9
18	6	7	7	7	7	7	8	8	7	7	7	6	6	6	6	6	6	6	6	7	7	7	7	7	7
19	7	7	7	7	7	7	8	8	7	7	6	6	6	4	4	4	5	6	6	6	6	6	6	6	6
20	5	5	5	5	5	5	5	6	5	4	4	4	4	4	4	4	5	5	6	5	4	4	3	3	5
21	3	3	4	4	5	4	5	5	5	5	7	6	6	6	6	6	6	6	8	7	8	8	7	7	6
22	6	6	5	5	6	6	6	7	8	5	6	7	8	7	7	8	9	8	8	6	7	6	5	5	7
23	4	4	4	4	4	4	4	5	5	5	6	6	6	5	5	5	6	6	6	6	7	8	6	6	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	5	6	6	6	6	6	6	6	5
25	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	3	3	4	4	4	4	4	5	5	5	5	4	3	3	3	3	4	5	4	4	4	4	5	5	4
28	3	4	4	4	4	4	4	5	5	5	5	5	3	3	3	4	4	4	4	4	5	5	5	6	4
29	6	6	7	7	8	7	8	8	8	8	8	8	6	6	5	6	5	4	4	3	3	4	4	4	6
30	3	3	3	3	4	3	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31	3	3	4	4	3	3	4	4	4	4	4	6	9	6	5	4	4	4	4	4	4	4	4	4	4
MEAN	5	5	5	5	5	5	6	6	6	6	6	6	5	5	5	5	6	6	6	5	6	6	6	6	5

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	3	6	11
FEB	24	3	6	12
MAR	22	3	6	9
APR	25	2	4	6
MAY	27	5	8	14
JUN	30	5	8	15
JUL	30	3	6	9
AUG	31	3	4	8
SEP	28	4	6	13
OCT	31	6	8	12
NOV	27	6	8	9
DEC	28	5	9	9
YEAR	331	4	9	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	129	188	256	4	0	0	577
FEB	174	214	146	8	0	0	542
MAR	110	163	194	4	0	0	471
APR	163	299	90	0	0	0	552
MAY	3	172	395	32	0	0	602
JUN	1	146	537	35	0	0	719
JUL	107	275	317	3	0	0	702
AUG	124	456	138	0	0	0	718
SEP	20	334	263	12	0	0	629
OCT	10	45	611	54	0	0	720
NOV	0	12	593	21	0	0	626
DEC	0	55	546	23	0	0	624
YEAR	841	2359	4086	196	0	0	7482

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.9	2.3	3.4	4.6	6.4	7.3	8.4	8.9	15	4.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12	2	1	1	1	1	1	3	5	3	1	1	1	1	1	1	1	1	0	1	1	0	2	3	2	1
13	0	0	0	0	0	0	0	0	0	0	2	4	2	2	2	4	4	4	2	2	2	2	2	2	2
14	1	0	0	0	0	0	1	3	2	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1
15	0	0	0	0	0	0	1	1	1	1	2	2	3	3	2	2	2	2	3	4	3	2	2	3	2
16	3	3	2	1	1	0	0	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	0	1
17	0	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	3	3	2	3	3	3	2	2	1
18	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	3	4	1
19	5	4	2	2	2	2	3	5	4	4	2	2	2	3	3	5	5	5	4	3	2	2	2	2	3
20	2	1	1	1	1	1	1	4	4	3	2	2	2	1	1	2	3	3	2	3	3	2	2	1	2
21	1	1	0	0	0	1	2	3	2	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
23	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	1	1	0	1
24	0	0	0	0	0	0	0	2	4	3	2	2	2	2	2	2	3	3	2	2	1	1	1	1	2
25	0	0	0	0	0	0	0	2	2	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1
26	1	0	0	1	2	2	2	3	3	1	1	1	1	1	1	1	3	3	1	2	1	1	1	1	2
27	0	0	0	0	0	0	0	3	2	1	1	0	0	0	0	0	1	2	2	3	3	4	3	3	1
28	2	1	1	1	1	1	2	4	3	2	1	1	1	1	1	3	5	4	2	4	3	4	3	4	2
29	2	1	1	0	0	1	1	2	2	1	1	1	1	2	2	2	2	2	4	5	3	4	7	7	2
30	6	6	4	3	2	2	1	1	0	1	1	2	2	2	2	2	3	3	4	5	5	7	6	5	3
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	6	4	3	4	5	8	12	9	5	4	3	4	4	3	3	3	4	3	2	2	2	2	2	4
2	2	2	2	2	2	5	6	6	5	4	3	3	3	3	3	3	3	2	2	2	1	1	2	2	3
3	2	2	2	3	3	3	3	3	2	2	2	2	2	2	3	4	5	4	5	4	4	4	5	4	3
4	3	3	2	2	2	4	6	5	4	3	3	3	3	3	4	4	4	2	2	2	2	2	1	3	3
5	1	1	0	0	0	1	3	4	3	3	2	2	1	2	2	3	3	3	3	3	4	3	2	4	2
6	4	4	4	3	2	1	2	2	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2	2	2
7	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	2	2
8	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
9	2	2	1	1	1	1	2	4	2	2	1	2	2	2	2	2	3	3	3	3	3	4	2	2	2
10	1	1	0	0	1	1	2	4	3	2	1	1	1	1	2	2	3	3	3	3	4	3	3	3	2
11	2	2	2	1	1	0	1	2	2	2	2	2	1	1	2	2	3	3	3	3	3	4	3	4	2
12	2	2	2	1	1	1	7	6	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	2	2	2	2	2	2	5	3	3	3	1	1	0	0	0	0	1	0	0	0	1	2	3	3	3
14	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3
15	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2
16	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	4	4	4	5	4	4	2	3	3	3
17	2	2	2	1	2	3	4	6	5	4	3	3	3	3	3	3	3	3	3	3	3	4	6	5	3
18	4	4	4	4	4	3	4	5	6	4	3	3	3	3	4	3	3	3	3	3	1	4	4	5	4
19	4	5	6	4	4	5	7	8	7	3	3	3	3	3	3	1	3	3	3	3	3	4	3	4	4
20	2	2	2	1	2	3	3	3	3	1	2	1	1	2	2	2	2	2	2	2	2	2	3	2	2
21	4	4	4	4	4	4	3	3	2	2	2	2	2	3	3	3	3	4	5	4	4	4	4	4	3
22	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	4	5	4	4	4	4	4	3
23	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24	5	4	4	4	6	10	11	8	5	3	4	4	5	6	7	7	8	9	8	8	8	9	9	7	7
25	6	5	4	4	5	8	8	2	1	1	1	2	2	2	2	2	2	3	3	3	3	4	5	3	3
26	2	2	1	1	1	0	1	1	2	1	1	1	1	1	2	2	3	3	3	3	5	5	6	5	2
27	4	2	1	1	2	3	5	2	0	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	2
28																									
29																									
30	3	2	2	2	2	2	2	3	2																
31																									
MEAN	3	3	2	2	2	3	4	4	3	2	2	2	2	2	2	2	3	3	3	3	4	4	4	3	3

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN																8	8	8	8	8	8	7	7	8	8

PERCENTAGE OF DATA VALID - 1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	7	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	6	6	7	7
2	7	7	6	6	6	6	4	4	5	5	5	6	8	6	8	8	8	9	9	9	7	6	6	6	7
3	6	5	5	5	5	6	6	6	6	6	7	7	7	7	7	6	6	6	5	5	5	4	4	4	6
4	4	3	3	3	3	6	9	8	6	5	6	4	5	7	8	8	6	6	7	7	6	6	5	6	6
5	5	4	5	4	5	6	8	7	5	4	4	4	5	5	5	5	5	6	6	6	6	7	6	6	6
6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	2	1	1	1
8	2	3	2	1	1	3	2	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
9	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
10	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	3	3	4	4	2	3	3	2
11	2	2	1	2	1	3	4	3	2	2	2	1	1	1	1	2	2	2	2	3	2	1	2	3	2
12	2	2	1	2	3	3	4	4	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
13	2	1	2	2	2	3	4	4	3	3	3	2	2	2	3	4	5	4	4	4	4	3	1	3	3
14	2	2	1	1	0	3	2	0	0	0	1	0	0	0	0	1	2	2	2	2	4	3	2	2	1
15	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	3	4	5	3	3	2	2
16	4	4	3	2	1	2	2	1	2	1	0	0	0	1	1	2	2	2	3	4	4	6	4	4	2
17	4	3	2	2	2	4	6	6	2	0	0	0	0	1	3	4	4	4	4	4	4	3	2	3	3
18	3	3	2	2	2	2	3	4	3	2	2	3	3	3	4	4	5	6	7	9	9	7	6	7	4
19	6	5	5	5	5	6	10	10	8	7	7	5	5	6	5	4	5	5	5	5	5	4	4	4	6
20	5	4	4	3	3	3	4	5	5	4	4	5	5	5	6	7	6	6	7	7	7	6	5	5	5
21	5	4	4	5	4	5	8	8	6	6	6	3	3	4	6	7	7	5	6	7	7	6	6	6	6
22	5	3	3	2	2	3	2	0	0	0	1	1	1	2	3	3	4	4	4	5	5	5	5	3	3
23	4	4	4	4	2	1	1	1	1	1	1	2	3	3	4	5	5	5	5	5	5	5	4	4	3
24	4	3	3	3	4	6	7	6	5	3	1	2	1	2	3	4	4	6	5	5	5	4	4	4	4
25	3	3	3	2	1	1	3	4	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26													- DATA MISSING -												
27													- DATA MISSING -												
28													3	3	3	2	3	3	3	4	4	3	3	3	2
29	3	2	2	1	1	3	3	3	3	3	3	2	2	2	1	1	1	2	2	2	2	2	4	4	2
30	4	3	4	2	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	2	1	1	1	1	3	6	5	3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	2
MEAN	4	3	3	3	2	3	4	4	3	3	3	2	3	3	3	4	4	4	4	4	5	4	4	4	3

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	2	1	1	2	5	3	3	3	2	3	3	3	3	4	4	4	4	5	6	4	3	3	3
2	3	2	2	2	2	1	2	1	1	0	1	1	2	2	2	2	1	0	1	1	1	1	1	1	1
3	1	1	0	0	0	0	1	3	2	2	1	1	1	2	3	3	3	4	4	4	4	4	3	2	2
4	2	1	1	1	1	2	4	3	2	2	1	2	1	0	0	0	0	0	0	1	1	2	2	2	1
5	2	1	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6	2	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0
7	0	0	0	0	1	1	2	2	0	0	0	0	1	2	2	2	2	2	2	2	1	2	1	1	1
8	1	1	1	1	1	3	2	5	4	3	2	1	1	2	1	1	1	1	1	1	1	1	1	1	2
9	0	0	1	1	0	1	1	1	0	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
10	0	0	0	0	0	1	4	4	2	1	2	2	2	1	2	3	3	3	4	4	3	4	4	3	2
11	2	1	1	1	0	0	2	3	3	1	1	0	1	1	1	1	1	0	1	1	1	0	0	0	1
12	0	0	0	0	1	1	1	1	2	1	1	1	2	1	1	2	1	2	4	5	4	4	4	3	2
13	3	2	2	1	2	2	2	2	2	2	2	1	1	2	2	3	2	3	3	3	5	4	3	1	2
14	1	1	1	0	0	0	2	4	3	3	4	4	3	4	4	0	0	0	0	0	0	0	0	0	0
15	1	1	0	0	0	2	5	4	3	2	1	0	1	0	1	1	1	1	1	3	3	5	5	3	2
16	3	2	2	1	2	4	7	3	1	1	2	2	2	3	2	1	2	2	2	2	2	1	1	1	2
17	1	1	2	2	2	5	6	4	3	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	2
18	1	1	1	1	1	2	6	7	5	5	5	5	5	5	6	7	6	7	7	7	7	6	6	6	5
19	5	5	4	4	4	5	6	6	6	6	5	5	5	5	5	6	6	6	6	6	6	6	6	5	5
20	4	4	3	2	1	1	2	2	2	1	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3
21	3	2	2	2	2	3	8	5	4	3	2	1	1	3	2	2	2	2	2	3	3	3	3	2	3
22	3	3	2	2	2	2	3	4	3	2	2	2	2	2	3	3	4	4	4	5	5	4	5	4	3
23	3	3	3	3	3	4	6	5	3	3	4	3	3	3	3	4	6	8	7	7	5	5	4	4	4
24	4	3	3	3	3	2	4	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
25	3	2	2	2	2	3	4	3	2	3	4	5	5	6	6	7	7	7	6	5	4	4	4	4	4
26	3	2	2	2	1	3	4	2	1	1	0	1	1	1	1	1	1	1	2	2	1	1	1	1	2
27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	1	1	1
28	1	1	1	1	1	4	6	4	3	2	1	1	1	1	2	2	2	3	3	2	2	2	2	1	2
29	1	1	1	1	1	4	6	4	3	3	2	2	1	1	3	0	0	0	0	0	0	0	0	0	0
30																									
31																									
MEAN	2	2	1	1	1	2	4	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	4	4	4	0
2	3	2	2	2	2	3	4	4	4	3	4	4	3	3	4	4	5	4	4	4	3	3	3	4	3
3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
4	3	2	2	1	3	5	6	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	3	3	3	2	3	5	6	8	5	2	2	2	2	1	2	2	3	3	3	2	2	4	4	4	3
6	1	1	1	0	0	1	2	2	2	2	2	2	2	1	2	2	3	3	3	2	2	2	2	2	2
7	2	2	1	2	2	2	5	7	6	6	5	5	2	3	4	4	4	3	4	4	4	4	4	4	4
8	3	3	3	2	2	3	3	3	3	3	3	3	2	2	3	3	3	3	4	4	3	3	4	4	3
9	2	2	2	2	2	2	2	2	2	2	2	3	1	2	2	2	2	2	2	2	2	2	3	3	2
10																									
11	2	2	1	1	2	2	6	8	5	3	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
12																									
13																									
14	1	0	0	0	0	1	2	3	2	1	0	0	0	0	0	3	3	3	3	4	3	3	3	3	0
15																									
16																									
17																									
18																									
19	2	3	3	3	3	4	6	6	5	4	4	4	5	5	5	5	4	4	4	4	5	6	4	4	4
20	4	3	3	3	3	5	3	3	2	1	2	3	3	3	3	3	3	3	2	2	2	2	2	1	3
21	1	1	1	1	0	1	2	2	1	1	2	2	2	2	3	3	3	3	4	5	4	4	4	4	2
22	4	3	3	3	3	4	6	6	6	6	5	4	4	5	6	6	5	6	5	5	5	4	4	4	5
23	3	2	1	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	4	4	3	1
25	2	2	2	2	2	1	2	4	2	1	1	0	0	1	2	2	2	2	2	1	2	2	2	3	2
26	4	4	4	4	4	4	5	7	8	6	4	4	3	2	2	4	4	5	5	6	7	7	7	6	4
27	3	3	3	3	2	2	1	1	4	4	4	4	3	3	4	4	4	5	5	5	5	4	4	4	5
28																									
29																									
30																									
MEAN	2	2	2	2	2	2	4	4	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 69

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3	1	1	1	1	1	3	3	4	3	1	1	2	3	3	3	4	5	4	4	3	3	4	4	3	3
4	2	2	2	2	2	3	4	4	3	2	2	2	2	2	3	4	4	4	4	3	3	3	2	2	3
5	2	2	2	2	2	3	6	4	3	2	2	2	2	2	2	2	4	4	3	2	3	3	3	2	3
6	3	3	2	2	2	4	9	9	6	3	3	3	3	3	3	8	10	8	6	5	4	3	2	2	4
7	2	2	1	1	1	2	2	2	2	3	3	2	2	1	1	0	0	0							2
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25	2	2	1	1	2	4	7	6	4	4	4	3	3	2	2	1	2	2	2	1	1	1	0	0	2
26	0	0	0	0	0	1	2	2	1	2	2	3	3	0	0										
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	2	2	1	1	1	3	5	4	3	2	2	2	3	2	2	3	4	3	3	3	3	3	2	2	3

PERCENTAGE OF DATA VALID - 22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	1	1	1	2	2	3	5	9	8	5	4	2	2	2	2	1	3	4	4	3	3	2	2	1	
3	3	2	1	1	1	1	2	3	4	4	4	4	4	4	4	4	6	6	5	5	4	4	4	3	3
4	3	3	2	2	2	3	4	4	4	5	4	3	4	3	4	6	6	5	6	4	4	4	4	4	4
5	5	4	4	3	3	2	2	3	3	4	3	4	4	4	4	5	4	5	6	7	6	5	4	4	4
6	4	4	4	3	3	4	5	10	8	6	4	3	3	3	3	3	3	3	3	3	3	3	4	5	4
7	3	4	4	4	4	4	6	16	8	5	4	4	3	3	4	4	4	5	5	4	3	3	3	4	4
8	3	3	2	2	2	2	2	4	6	6	5	5	4	4	3	4	4	4	3	2	2	2	2	2	3
9	2	2	1	2	2	2	2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3										3	3	3	3	3	3	3	3	3	3	3	3	3
11	3	3	3										3	3	3										
12	3	3	3										3	3	3										
13	3	3	3										3	3	3										
14	3	3	3										3	3	3										
15	3	3	3										3	3	3										
16	3	2	1	1	0	0	1	2	3	3	2	1	2	2	2	2	3	3	4	5	6	6	4	3	3
17	3	2	1	0	0	0	2	6	6	4	4	4	4	4	3	5	6	5	4	4	3	3	3	3	3
18	3	2	1	1	0	0	1	1	2	2	1	1	2	3	3	2	2	3	5	5	6	7	6	3	3
19	6	5	4	2	1	1	2	2	2	3	3	3	4	4	4	3	4	2	2	3	3	2	2	2	3
20	2	2	2	2	2	2	3	5	5	4	4	3	2	4	4	6	8	8	6	4	4	4	4	3	4
21	3	2	2	2	2	3	5	9	8	7	6	5	5	5	5	6	9	8	6	5	4	5	5	4	5
22	3	2	2	2	2	2	4	7	9	6	4	5	5	5	5	6	9	9	6	6	5	4	4	3	5
23	3	3	2	2	2	2	2	3	5	4	3	2	2	2	2	2	2	3	3	3	3	2	2	3	3
24	2	2	3	3	3	3	3	4	5	4	4	4	3	3	3	3	4	5	5	4	4	4	5	5	4
25	5	4	4	3	3	3	3	3	4	5	5	5	4	4	3	4	5	5	6	3	2	2	2	2	4
26	2	3	3	4	4	3	3	3	3	4	4	4	3	3	3	4	4	4	4	4	3	3	3	3	3
27	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2										
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	3	3	2	2	2	2	3	5	5	4	4	3	3	3	3	4	5	5	5	4	4	4	4	3	3

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	1	1	1	1	3	2	1	2	1	1	1	3	2	2	3	3	4	3	3	4	2
2	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	4	5	4	5	5	4	4	3	4	4
3	1	1	2	2	3	2	3	6	6	4	4	4	3	3	3	4	4	5	5	4	4	4	4	3	4
4	1	2	2	2	2	2	4	6	6	4	3	4	4	4	3	5	2	2	6	7	4	4	3	4	4
5	2	2	2	2	2	3	4	6	8	6	6	7	6	6	7	7	8	7	7	6	6	6	6	5	5
6	6	6	6	6	5	6	7	10	7	7	6	5	3	3	2	2	2	3	3	5	6	6	6	5	5
7	4	3	3	1	1	1	1	2	2	2	2	2	1	2	2	2	2	3	2	3	2	2	4	4	2
8	3	3	3	3	3	3	4	5	6	8	8	8	6	6	6	7	7	5	4	4	4	5	4	4	5
9	3	6	5	4	4	4	4	4	3	4	4	5	5	7	7	7	6	5	5	5	5	5	5	5	5
10	3	3	3	2	2	2	3	3	4	2	1	1	0	0	0	2	2	2	2	2	2	2	2	2	2
11													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
12													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
13													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
14													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
15													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
16													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
17													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
18	3	3	2	3	2	3	3	4	4	5	4	4	2	2	2	3	3	3	3	3	3	4	3	3	2
19	6	6	5	4	3	4	4	6	8	3	3	4	3	4	3	4	5	5	4	4	3	3	4	3	4
20	1	2	1	1	2	2	2	4	7	7	6	5	5	5	5	5	5	7	7	7	6	5	5	5	4
21	3	4	3	2	3	3	3	3	5	6	7	6	4	6	6	7	7	7	7	5	5	6	4	4	5
22	3	4	4	2	3	3	3	3	3	5	5	4	2	2	2	2	2	3	3	4	4	5	6	5	3
23	4	5	6	6	6	5	5	4	3	3	4	5	4	4	4	5	6	6	5	5	5	5	5	5	5
24	4	4	4	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2
25	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	2	2	2	2	2	3	3	3	1
26	2	3	3	2	2	3	2	3	3	3	3	4	5	6	6	7	2	2	2	2	2	2	2	2	2
27	3	4	4	4	4	4	5	8	6	5	5	5	6	6	6	7	8	6	5	4	3	3	2	3	5
28	2	1	1	1	1	1	3	4	4	3	3	3	3	3	3	3	2	2	2	1	1	1	1	1	2
29	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
30	2	2	2	2	2	2	2	3	3	3	6	9	10	9	6	5	5	4	4	5	5	4	4	4	4
31	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	20	2	3	7
MAY	29	3	7	14
JUN	1	8	0	8
JUL	29	3	7	10
AUG	29	2	5	8
SEP	24	3	5	9
OCT	9	3	4	10
NOV	27	3	5	10
DEC	25	4	6	10
YEAR	193	3	7	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING					
FEB		DATA MISSING					
MAR		DATA MISSING					
APR	261	150	42	0	0	0	453
MAY	134	326	145	10	0	0	615
JUN	0	0	9	0	0	0	9
JUL	152	195	270	9	0	0	626
AUG	280	260	137	0	0	0	677
SEP	99	258	144	1	0	0	502
OCT	32	102	32	3	0	0	169
NOV	31	264	210	7	0	0	512
DEC	82	205	273	5	0	0	566
YEAR	1071	1761	1262	35	0	0	4129

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
62	0	0.4	1.2	2.1	3.1	5.0	5.9	7.1	7.9	14	2.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27	10	9	8	8	8	8	9	10	10	9	9	8	8	8	8	8	8	8	8	8	8	8	10	10	8
28	11	10	9	9	8	8	7	8	9	8	8	8	7	7	6	6	6	6	6	7	7	7	8	10	8
29	8	7	8	8	8	8	11	11	11	9	9	8	8	8	8	9	8	8	8	8	8	8	8	8	8
30	7	7	7	7	7	7	9	9	8	8	8	7	8	7	8	9	9	8	8	8	9	10	9	7	8
31	7	6	6	6	6	8	10	9	8	8	8	8	8	8	10	11	12	10	9	9	8	7	7	6	8
MEAN	9	8	8	8	7	8	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

PERCENTAGE OF DATA VALID - 17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	5	5	7	9	8	7	7	7	7	7	7	9	9	9	11	10	8	9	7	7	7	7
2	7	8	8	8	8	11	14	15	10	10	13	11	11	10	11	13	15	10	11	11	10	9	10	10	11
3	10	10	9	9	9	9	9	9	9	10	10	10	10	9	9	10	9	9	10	11	9	9	10	11	10
4	11	10	9	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	9
5	8	8	7	7	7	8	9	8	7	7	7	7	7	7	7	7	7	7	7	8	9	9	8	7	8
6	8	8	9	9	9	10	14	13	10	8	8	8	8	8	9	9	9	10	10	10	10	10	10	9	9
7	8	7	7	7	7	9	13	11	9	8	8	10	10	10	11	13	13	11	10	11	11	11	10	10	10
8	9	9	9	9	10	11	12	12	10	10	10	11	11	10	10	11	12	12	12	11	10	11	10	11	11
9	10	9	9	9	9	10	12	12	11	10	10	10	10	10	11	13	13	10	10	10	9	8	8	10	11
10	8	8	7	7	7	7	7	7	8	8	9	9	9	9	9	9	8	8	8	8	8	7	7	7	8
11	8	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	7	7	7
12	7	7	6	6	6	8	13	11	9	9	9	10	9	9	9	10	11	10	9	9	10	9	8	9	9
13	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
14	7	7	7	7	7	8	10	11	9	8	8	8	8	8	9	9	9	9	9	9	6	8	8	8	8
15	8	8	7	7	7	8	10	9	8	8	8	8	8	8	9	10	11	9	8	10	10	9	8	7	9
16	7	7	7	7	7	8	11	11	9	9	11	11	12	10	12	15	14	12	13	13	11	11	11	11	11
17	11	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	11	12	11	9
18	11	10	9	9	9	9	9	9	9	9	9	9	10	9	9	10	9	9	9	9	9	9	9	9	9
19	9	9	9	9	10	10	10	11	11	10	9	9	9	10	10	10	10	10	9	9	9	10	10	10	10
20	10	9	9	9	10	10	11	11	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	10
21	8	8	8	8	8	8	10	10	10	10	9	9	10	11	8	9	6	7	7	8	7	7	7	6	8
22	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	9	7	7	7	6	6	5	5	5	6
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	8	8	13	13	11	9	9	9	8	8
24	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	8	10	11	11	12	12	11	11	12	9
25	12	10	10	10	10	10	10	10	9	9	8	8	8	8	8	8	9	9	9	9	9	9	10	10	9
26	10	10	10	10	9	10	10	13	10	9	9	10	10	9	10	10	10	11	11	12	13	14	11	10	10
27	9	9	9	9	9	11	14	13	10	10	9	9	10	10	10	11	10	11	11	11	12	14	16	13	11
28	10	8	8	9	9	10	13	11	11	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9
29	8	8	8	7	7	7	8	8	8	7	7	7	7	7	7	8	8	8	8	8	7	7	7	7	8
30	7	7	7	7	8	7	7	7	7	7	7	7	7	9	9	11	12	12	12	12	13	11	8	10	9
MEAN	8	8	8	8	8	9	10	10	9	8	9	9	9	9	9	10	10	10	10	10	9	9	9	9	9

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	8	8	8	9	9	10	11	11	10	10	9	8	8	9	9	9	9	9	11	12	13	13	10
2	11	9	9	8	8	7	7	8	8	8	8	8	8	8	8	8	9	9	9	8	8	8	8	8	8
3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	9	8	9	9	8	8	8	8
4	7	7	7	6	7	9	13	10	7	8	8	8	8	8	8	8	9	9	9	10	10	9	8	9	8
5	7	7	7	7	7	7	8	8	7	7	7	6	7	6	7	7	8	8	10	11	12	11	10	9	8
6	8	7	7	7	8	10	11	9	7	7	7	8	8	8	8	8	8	8	8	10	10	11	13	11	9
7	10	11	11	9	10	12	11	11	8	8	9	8	8	8	8	9	8	8	9	9	8	7	7	8	9
8	8	9	9	8	7	8	8	8	7	7	7	7	7	7	8	8	7	8	8	8	8	9	8	9	8
9	9	9	7	7	7	6	6	6	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7
10	7	7	7	7	7	9	10	9	9	8	8	8	8	8	8	10	9	9	9	9	8	8	9	8	8
11	8	8	7	8	8	8	8	8	7	7	7	7	7	7	7	8	8	8	8	8	8	8	7	8	8
12	7	7	7	7	8	11	11	9	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	7	8
13	7	7	6	7	6	6	6	6	10	9	8	8	8	8	9	10	8	10	10	10	8	8	8	8	8
14	6	6	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	8	7	6	6	7	7
15	6	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	10	6
16	9	8	6	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17	7	7	6	6	6	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
18	5	5	5	5	5	5	8	7	6	6	6	6	6	6	6	6	7	7	8	8	9	10	9	7	7
19	7	5	5	5	5	6	8	6	6	6	5	5	6	6	6	6	6	7	7	6	6	6	6	6	6
20	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	8	7	7	8	8	7	7	6	6	7
21	6	5	5	5	5	6	8	6	6	6	6	6	7	7	7	8	7	8	8	8	7	7	6	6	7
22	6	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6
23	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6
24	5	5	4	4	5	6	7	6	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25	4	5	5	5	5	6	7	7	6	6	6	6	5	6	6	6	6	6	6	6	6	5	5	5	5
26	5	4	4	4	4	5	7	6	5	5	5	5	5	6	6	6	6	6	6	6	5	5	5	5	5
27	4	4	4	4	4	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28																									
29																									
30																									
31																									
MEAN	7	7	6	6	6	7	8	7	7	7	7	7	7	7	7	8	7	7	8	8	8	8	8	7	7

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	7	7	8	8	8	8	9	9	10	11	***
2	8	8	8	7	7	7	9	9	9	9	9	9	8	8	9	9	8	8	8	6	7	7	7	8	8
3	6	6	6	6	6	7	7	7	7	7	7	8	7	7	7	7	7	7	8	8	8	8	9	8	7
4	7	7	6	6	6	7	7	7	8	8	8	8	7	7	7	7	8	8	9	9	8	10	8	8	8
5	6	7	7	6	7	9	14	12	10	8	8	8	7	7	7	8	8	8	9	9	7	8	8	8	8
6	7	7	7	7	7	10	13	9	8	7	8	8	6	6	6	7	7	7	7	7	7	8	8	8	8
7	7	8	8	7	7	8	10	9	8	8	8	8	7	7	7	8	8	10	10	11	10	10	9	8	8
8	9	8	8	8	8	9	12	14	9	9	8	9	***	***	10	11	13	12	13	11	9	9	10	9	10
9	8	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	9	9	10	9	9
10	8	8	8	7	7	8	8	8	8	8	8	8	7	8	9	8	8	9	11	10	10	11	12	10	9
11	7	7	7	8	9	11	18	15	12	11	11	10	9	9	9	10	10	10	11	10	10	10	9	10	10
12	8	8	8	8	9	10	14	14	9	9	9	9	8	9	9	10	10	11	12	12	12	12	11	11	10
13	9	9	8	8	9	10	10	10	9	9	10	10	9	11	11	12	11	11	11	11	11	11	11	10	10
14	9	8	9	8	8	9	10	10	10	10	10	10	9	9	9	11	10	10	13	13	12	11	11	10	10
15	8	8	8	7	8	10	15	14	12	9	10	10	8	9	***	***	10	10	10	10	10	9	10	9	10
16	8	8	8	8	***	***	***	***	***	***	***	***	***	***	***	8	9	9	10	10	11	11	9	9	***
17																									
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	14	14	14	14	15	15	15	14	14	***
19	7	7	7	7	7	8	9	9	8	9	9	9	7	7	7	7	8	8	9	9	10	13	8	7	8
20	7	7	7	7	7	7	8	8	8	8	6	6	6	7	***	7	7	7	7	7	7	8	8	8	7
21	7	7	8	8	8	8	11	11	8	8	8	8	8	8	8	9	9	9	10	10	9	9	9	8	9
22	7	7	7	7	8	11	12	9	7	8	8	8	8	9	***	11	12	11	11	11	10	9	9	7	7
23	8	7	7	7	8	7	9	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
24	7	7	7	7	7	7	7	7	7	7	7	7	9	9	9	9	10	9	8	9	9	10	10	10	8
25	10	10	10	9	9	11	12	10	9	8	8	8	9	9	9	10	12	10	10	9	9	9	9	9	10
26	9	8	8	8	8	8	12	13	10	8	8	8	9	9	10	11	11	11	15	14	10	12	12	***	10
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	7	7	7	7	6	7	8	9	7	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
29	8	8	8	7	8	9	10	8	8	9	9	10	11	11	11	13	15	16	13	10	9	9	9	8	10
30	8	8	7	7	7	8	8	8	8	8	9	9	9	9	9	10	11	10	10	10	9	10	10	12	12
MEAN	8	8	8	7	8	8	10	10	9	8	8	9	8	8	8	9	10	9	10	10	9	10	10	9	9

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	10	8	8	8	9	10	8	8	8	10	8	8	8	8	8	8	8	9	9	9	9	8	9
2	8	8	8	8	8	9	12	13	10	10	9	9	9	9	9	9	10	10	11	11	11	13	10	9	10
3	9	8	8	8	8	9	13	10	9	8	8	9	9	9	9	9	9	10	11	8	11	9	10	9	8
4	8	8	8	8	9	9	9	10	9	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
5	8	8	8	8	8	9	10	10	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9
6	10	10	10	9	8	8	12	13	12	9	8	8	8	8	7	8	8	9	11	12	11	10	9	8	9
7	7	7	7	7	7	7	12	7	8	10	10	10	10	10	10	10	10	9	9	8	8	8	8	8	8
8	8	8	8	7	7	7	7	6	7	8	7	7	7	7	7	7	7	7	7	6	6	7	7	6	7
9	6	6	6	6	6	6	6	6	6	7	7	7	7	8	7	7	7	7	7	7	7	8	8	8	7
10	7	7	6	6	7	8	10	10	8	6	5	5	6	6	6	6	6	7	7	6	6	6	6	6	7
11	6	7	7	7	7	8	9	11	7	6	7	7	7	7	7	9	9	8	9	8	8	8	8	8	8
12	6	8	8	8	8	10	16	15	9	9	9	9	9	9	9	10	10	9	9	8	8	8	8	7	9
13	7	6	6	6	7	8	10	9	7	7	6	6	6	6	6	8	8	8	8	10	9	7	8	8	8
14	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	7	7	7	8	7	7
15	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	7	7
16	7	7	7	7	7	8	9	9	8	8	8	8	8	8	8	8	8	9	8	8	8	8	8	8	8
17	8	8	7	7	7	8	11	12	8	8	8	8	8	8	8	8	10	12	11	11	10	9	9	8	9
18	8	8	7	7	7	10	16	17	12	9	9	8	8	8	9	9	10	11	10	10	10	9	10	8	10
19	9	8	7	7	7	8	19	16	10	7	7	8	8	8	9	10	11	12	12	11	12	11	12	11	10
20	11	11	10	9	10	12	16	16	12	9	8	8	8	8	9	8	9	10	12	12	13	10	9	10	10
21	11	12	10	10	10	10	9	9	8	8	8	9	8	8	8	7	7	8	8	8	7	7	8	7	9
22	8	8	7	7	7	7	8	7	8	8	9	8	9	8	8	8	8	8	7	7	8	8	8	8	8
23	8	8	8	8	8	9	9	10	9	9	9	9	10	12	12	12	11	10	10	11	11	10	9	8	10
24	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
25	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
26	8	7	7	7	7	9	11	12	9	8	8	8	8	8	8	9	9	10	11	11	10	9	9	8	8
27	9	8	9	8	9	12	15	19	13	9	9	9	9	9	9	9	9	9	9	9	10	11	9	10	9
28	11	10	10	9	9	9	9	9	10	9	8	8	8	8	12	13	13	12	11	10	10	10	10	10	10
29	10	10	10	9	8	8	8	8	9	9	10	10	10	10	10	10	9	10	11	12	11	11	11	10	10
30	8	8	8	8	8	8	8	8	9	8	8	8	8	8	9	9	10	11	12	11	11	11	10	11	9
31	9	8	7	7	7	7	8	9	9	7	7	7	7	7	7	7	7	8	7	7	7	8	7	7	7
MEAN	8	8	8	8	8	8	10	11	9	8	8	8	8	8	8	9	9	9	9	9	9	9	9	8	9

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	7	7	7	7	8	8	8	8	7	7	7	7	7	7	8	8	8	9	9	8	8	8	8
2	7	7	7	7	7	7	8	9	10	9	8	8	9	9	9	9	8	8	9	10	12	13	11	11	9
3	10	9	8	8	8	8	9	12	12	9	9	9	9	9	10	11	12	13	10	12	10	8	7	10	8
4	7	7	8	7	7	7	7	7	8	8	9	8	8	8	8	9	9	12	11	10	9	9	9	9	8
5	9	9	9	8	8	7	7	7	8	8	8	8	8	8	9	10	9	9	9	8	8	8	8	8	8
6	8	8	7	7	7	7	8	10	10	8	8	8	7	8	7	7	7	8	7	7	7	7	7	7	8
7	8	8	8	8	8	8	9	11	9	7	8	7	7	7	7	7	8	7	7	7	7	7	7	7	8
8	8	8	7	7	7	7	7	8	9	9	9	9	9	9	9	10	12	10	10	9	9	8	9	9	9
9	8	8	8	7	8	8	8	9	9	8	9	9	9	9	10	9	11	9	9	8	8	8	7	7	8
10	7	7	7	7	7	7	7	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	7
11	8	8	8	8	8	8	8	8	9	11	12	12	12	11	11	12	12	11	11	10	10	9	9	9	10
12	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	10	10	9	9	9
13	9	9	8	8	8	8	10	10	10	10	9	8	9	9	9	9	9	8	8	8	8	7	7	7	9
14	7	7	7	7	7	7	7	7	7	8	7	7	7	7	8	8	8	8	8	8	8	7	7	7	7
15	7	7	7	7	7	7	9	13	13	8	9	9	9	9	9	8	10	12	13	10	10	9	8	8	9
16	7	7	7	7	7	7	10	15	12	10	9	7	7	7	8	8	8	11	16	13	11	9	8	11	9
17	9	8	7	6	6	7	7	9	8	7	7	7	7	7	7	8	9	11	10	11	10	9	9	9	8
18	8	7	7	7	7	8	8	8	9	10	10	10	9	9	8	9	9	10	11	12	13	12	12	14	9
19	12	12	8	7	7	7	7	7	8	8	8	8	7	7	8	8	8	7	7	8	8	8	8	8	8
20	7	7	7	7	7	7	8	10	10	10	10	9	9	9	9	10	12	13	11	11	8	8	8	8	9
21	7	6	6	6	7	7	8	10	11	9	8	8	7	8	9	9	11	9	8	8	9	10	9	8	8
22	6	6	6	6	7	7	7	10	10	8	7	8	7	8	7	7	10	11	10	11	9	9	8	8	8
23	6	6	6	6	7	7	8	9	11	12	11	9	9	8	8	8	10	9	9	9	9	9	9	9	9
24	7	7	7	7	7	7	8	10	10	9	8	8	8	8	8	8	9	10	9	9	9	10	11	12	9
25	10	10	11	9	10	9	9	11	11	12	11	9	9	8	8	8	9	8	8	7	7	7	8	8	9
26	7	7	7	8	8	8	7	7	8	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8
27	7	7	7	7	7	7	7	8	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
28	8	8	7	7	7	7	8	10	11	9	9	9	8	8	8	8	8	9	8	8	9	9	9	9	8
29	8	8	8	8	8	8	8	11	10	9	9	8	7	7	8	8	9	10	12	12	9	11	10	11	9
30	10	10	9	8	9	9	9	10	9	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9
MEAN	8	8	8	7	7	8	8	9	10	9	9	8	8	8	8	9	9	10	9	9	9	9	9	9	9

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	9	9	8	8	9	11	11	9	8	8	9	****	****	7	7	11	11	9	10	9	7	6	9
2	6	6	6	6	5	6	6	6	7	7	8	8	7	8	9	10	8	9	8	7	8	9	8	8	7
3	8	8	8	7	7	7	6	7	7	7	8	8	8	8	7	7	8	7	6	7	7	7	6	6	7
4	5	6	6	5	5	5	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	7	7	7	6
5	5	5	5	5	5	5	5	6	7	5	5	6	6	7	7	8	7	8	7	8	12	11	9	9	7
6	7	8	8	8	8	8	12	13	13	9	8	8	8	8	9	9	9	9	9	9	8	8	8	9	9
7	7	7	7	7	7	7	8	10	11	8	7	7	6	7	6	6	9	10	10	10	9	9	8	6	8
8	6	7	6	6	6	7	6	7	8	8	****	7	7	7	7	7	7	8	8	8	7	7	****	****	7
9													- DATA MISSING -												
10													- DATA MISSING -												
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	6	7	7	6	6	6	6	***
12	6	5	6	5	5	5	6	7	7	6	6	6	5	5	5	5	5	6	6	6	5	5	6	6	6
13	6	6	6	6	6	6	6	7	7	7	7	7	6	6	7	6	8	8	7	7	7	6	6	7	7
14	6	5	5	5	5	5	6	10	8	7	7	6	8	7	6	6	7	6	6	6	6	5	5	5	6
15	4	4	5	5	5	5	5	5	5	5	5	***	6	6	6	6	7	7	6	6	5	5	5	5	5
16	4	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22	***	***	***	***	***	***	***	***	***	***	***	***	***	8	9	9	***	***	***	***	***	***	***	***	***
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	6	6	6	6	6	6	7	8	8	7	7	7	7	7	7	7	7	8	8	8	7	7	7	7	7

PERCENTAGE OF DATA VALID - 39

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY	6	8	8	12
JUN	30	9	11	16
JUL	27	7	10	13
AUG		DATA MISSING		
SEP	29	9	10	18
OCT	31	9	10	19
NOV	30	9	10	16
DEC	15	7	9	13
YEAR	168	8	11	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING					
FEB		DATA MISSING					
MAR		DATA MISSING					
APR		DATA MISSING					
MAY	0	0	94	38	0	0	132
JUN	0	0	294	418	1	0	713
JUL	0	0	535	101	0	0	636
AUG		DATA MISSING					
SEP	0	0	327	319	2	0	648
OCT	0	0	422	279	8	0	709
NOV	0	0	412	303	1	0	716
DEC	0	0	252	43	0	0	295
YEAR	0	0	2336	1501	12	0	3849

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
74	4	5.6	6.8	7.6	8.5	10.0	11.0	12.4	13.3	19	8.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25	***	***	***	***	***	***	***	***	***	***	***	***	1	1	0	0	1	1	0	0	0	1	1	0	0
26	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	2	2	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	2	2	1	1	1	0	***	***	0	1	1	1	0	1	1	1	1
28	2	2	1	1	1	1	1	1	2	2	1	1	***	***	***	***	2	3	4	4	4	3	3	3	2
29	4	4	4	4	4	4	3	3	3	3	3	3	3	2	2	2	3	3	2	3	3	3	3	3	3
30	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	4	3	3	3	3	3	3
31	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	2	2	1	1	2	2	***
3	3	3	3	3	3	3	3	3	4	4	3	4	3	3	3	4	5	6	5	3	3	3	3	2	3
4	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3	2
5	2	3	2	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3
6	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	4	5	7	6	4	4	3	3	3	3	4	4	4	4	4	4	3	3	4
8	3	3	3	2	1	2	3	4	6	3	3	2	***	***	***	2	4	6	7	7	7	7	6	6	4
9	6	6	6	5	5	5	5	6	7	7	6	6	7	7	7	7	7	8	8	8	7	7	7	7	7
10	8	8	7	6	5	5	6	8	11	14	10	6	6	5	5	6	6	7	8	8	8	9	8	7	7
11	6	6	5	5	4	4	5	7	10	5	***	2	3	3	3	3	3	4	4	5	5	6	6	6	5
12	5	5	4	3	2	2	2	2	3	4	4	5	5	5	5	5	6	7	8	9	7	9	***	***	5
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
MEAN	4	4	4	4	3	3	4	4	6	5	4	4	4	3	4	4	4	5	5	5	5	5	4	4	4

PERCENTAGE OF DATA VALID - 35

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3																	2	3	3	3	4	4	4	3	
4	4	4	4	3	2	2	1	1	2	1	1	1	1	1	1	2	2	3	3	2	2	2	2	3	2
5	3	2	1	1	1	1	1	0	0				1	1		3	3	4	3	3	4	3	3	2	
6	4	3	3	3	3	3	3	4	3																
7													- DATA MISSING -												
8																									
9	1	1	1	1	0	0	0	1	1								0	1	1	1	1	1	1	1	
10	2	2	2	2	2	1	1	1	1	1	0	0				0	1	2	2	2	3	3	3	5	2
11	6	5	4	4	3	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	4	4	4	3
12	4	4	4	4	4	3	2	2	2	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17	5	5	4	5	5	5	6	7	7	5	4	3	3	3	3	4	5	6	6	7	7	6	6	5	
18	4	4	4	3	3	3	3	3	3	4	4	3	4	4	4	5	4	4	4	4	4	4	5	5	4
19	5	4	3	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	5	4
20	5	5	4	3	2	3	3	4	3	3	3	4	5	5	5	5	6	6	6	5	5	4	3	3	4
21	3	2	2	2	1	1	1	1	2	1	1	1	2	2	2	3	3	4	4	4	3	3	3	4	2
22	3	3	2	1	1	1	0	1	2	1	2	3	2												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27																	3	4	4	4	4	4	5	6	
28	7	7	7	7	7	8	8	9	10	9	8	8	8	8	7	8	8	8	8	8	7	7	8	8	8
29	6	7	7	6	5	5	6	7	9	9	5	5	5	5	5	5	3	3	4	4	4	4	4	4	5
30	4	4	4	3	3	3	3	3	3	4	4	5	5	5	5	4	5	5	5	4	4	4	4	4	4
31	5	4																							
MEAN	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 52

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5																									
6	4	4	3	3	3	3	3	3	3	4	3	3	3	3	4	5	4	5	5	4	4	5	5	5	4
7	5	5	5	5	5	4	5	6	6	5	5	5	5	6	6	6	7	6	6	6	5	5	5	5	5
8	5	5	5	5	5	4	3	3	3	3	3	4	3	3	4	4	4	5	5	4	3	3	3	4	4
9	4	4	4	4	4	4	3	3	2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	5	3
10	4	4	4	4	4	3	2	3	3	2	2	2	2	2	2										
11	5	5	5	4	4	5	5	6	5	3	3	3	3	3	3	3	3	3	3	5	5	5	4	5	4
12	4	3	2	1	0	0	1	2	2	1	1	1	2	2											
13													- DATA MISSING -												
14																									
15	4	4	3	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	4	3	4	4	4	4	4
16	8	8	8	7	7	6	5	4	3	2	2	2	2	3	3	4	4	4	4	4	4	4	4	3	4
17	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	2	4	4	2
18	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	4	5	5	5	5	5	5	5	7	3
19	6	6	5	3	2	1	1	1	3	2	2	2	2	3	4	4	5	5	5	4	4	4	4	3	3
20	3	3	3	2	2	2	2	2	3	2	2	2	3	3	3										
21																									
22	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	6	6	6	6	3	4	4	4	4	5
23	6	6	5	5	4	4	5	5	5	5	5	5	5	4	4	4	4	4	4	4	3	2	2	2	4
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	3
25	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	4	3
26	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
27																									
28	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3
29	7	5	2	2	2	2	4	4	4	1	2	2	3	3	3	4	4	4	4	3	3	3	3	3	3
30	9	9	9	9	8	7	4	4	4	2	2	3	3	3	4	5	5	5	5	5	9	9	8	7	5
MEAN	5	4	4	4	3	3	3	3	3	2	2	2	3	3	3	3	4	4	4	4	4	4	4	5	4

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	6	6	6	6	10	5	4	4	3	4	4	4	4	5	5	4	4	4	4	3	3	3	5
2	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
3	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
4	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
5	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
6	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
7	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
8	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
9	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
10	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
11	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
12	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
13	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
14	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
15	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
16	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
17	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
18	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
19	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
20	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
21	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
22	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
23	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
24	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
25	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
26	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
27	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
28	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
29	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
30	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
31	2	2	1	1	1	2	4	5	4	3	4	3	4	4	5	6	6	5	4	4	4	3	3	3	4
MEAN	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	4	4	5	5	4	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	3	5	5	4	4	5	5	5	5	6	8	7	8	5	4	4	4	3	5
2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
23	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
MEAN	4	3	3	3	2	3	3	3	3	3	3	3	4	4	4	4	5	4	4	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	5	5	5	5	3
2	5	5	5	4	3	2	1	1	2	2	3	3	3	3	4	5	5	4	4	4	4	4	3	3	3
3	5	5	5	2	1	1	1	1	1	2	2	3	3	3	4	4	4	5	4	4	5	5	4	4	3
4	5	5	5	1	0	0	1	2	1	1	1	2	2	3	4	4	4	5	4	4	5	5	1	1	2
5	1	1	1	1	1	1	2	3	2	1	2	2	2	3	4	3	3	2	2	2	4	5	5	5	3
6	5	3	3	2	2	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	6	4	4	4	3	2	2	2	2	2	2	2	2	2	3	6	6	6	6
8	4	4	4	4	3	3	3	3	2	2	2	3	3	3	4	4	4	4	4	4	4	5	5	5	4
9	5	4	4	4	4	4	3	2	2	2	2	2	3	3	4	5	5	5	5	5	4	4	4	4	4
10	4	4	4	5	5	5	5	6	6	5	5	5	3	3	3	4	4	4	4	4	5	5	5	5	4
11	5	4	3	3	3	3	4	4	3	3	3	3	3	4	4	5	5	6	6	6	7	7	6	6	4
12	5	5	4	3	3	3	4	5	4	3	4	4	4	5	5	5	6	6	6	6	7	6	6	5	5
13	5	5	5	4	4	4	4	5	5	5	6	6	6	6	6	4	5	5	4	4	4	4	3	3	5
14	3	3	2	2	2	0	0	2	2	1	2	2	3	3	3	4	5	4	4	4	7	5	4	4	3
15	3	3	2	2	1	1	1	1	1	2	3	3	3	3	4	4	5	4	4	4	4	5	6	3	3
16	3	3	5	4	3	2	1	1	1	2	2	2	2	3	3	4	4	4	4	4	4	5	5	5	3
17	4	4	3	2	1	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	4	4	3	3	3	2	3	3	2	2	3	3	3	3	3	4	4	4	4	4	5	5	5	4	3

PERCENTAGE OF DATA VALID - 52

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	7	2	3	4
FEB	11	4	7	14
MAR	22	3	8	10
APR	25	4	5	9
MAY	30	3	7	11
JUN	30	3	5	8
JUL	17	3	5	8
YEAR	142	3	8	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	63	54	13	0	0	0	130
FEB	8	118	112	7	0	0	245
MAR	76	123	184	5	0	0	388
APR	63	209	247	5	0	0	524
MAY	97	290	290	12	0	0	689
JUN	87	279	347	0	0	0	713
JUL	48	147	192	0	0	0	387
YEAR	442	1220	1385	29	0	0	3076

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
60	0	0.7	1.9	2.8	3.8	5.3	6.2	7.4	8.0	14	3.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	4	4	3	3	3	3	3	4	0.00
18	2	2	2	2	2	3	6	9	8	4	4	4	4	4	4	5	7	7	4	4	4	3	2	3	4
19	3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	3	3	3	3	2	1
21	3	3	3	2	2	2	3	7	9	7	6	6	4	4	6	6	6	6	4	4	3	2	1	1	4
22	3	3	3	0.00	0.00	0.00	0	1	1	1	0	1	2	3	2	2	2	2	4	4	4	4	4	5	2
23	5	6	4	4	3	3	4	10	12	6	2	2	1	2	2	2	2	2	2	3	2	2	1	1	3
24	1	1	1	1	1	1	2	5	4	3	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
MEAN	2	2	2	2	2	2	2	5	5	3	2	2	2	2	3	3	3	3	3	3	3	2	2	2	3
PERCENTAGE OF DATA VALID -	22																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	1	0	0	0	1	1	1	2	0.00
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	1
8	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	2
11	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	4	4	4	4	3
12	3	3	3	3	3	6	10	8	6	5	5	5	6	6	5	8	8	6	6	6	5	5	4	4	5
13	4	2	1	1	2	4	8	8	6	5	5	5	4	4	3	4	5	4	3	0.00	0.00	0.00	0.00	0.00	4
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	4	3	2	2	1	1	1	0	0.00
20	0	0	0	0	0	4	4	5	2	1	1	1	1	1	2	4	3	2	1	1	1	2	1	0	2
21	0	0	0	0	0	2	4	3	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	2	2	3	3	3	3	3	3	3	2	2	1	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	1	2	4	5	4	2	1	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6	6	5	5	5	4	1	0	0	0	0.00
30	0	0	0	0	2	4	5	5	4	6	0.00	4	3	1	1	5	5	4	4	5	2	0	0	0	3
MEAN	1	1	1	1	1	2	3	3	3	3	2	2	2	2	2	3	3	2	2	2	1	1	1	1	2
PERCENTAGE OF DATA VALID -	41																								

UNITS - PARTS PER MILLION

MONTH JUL 72

MONTH JUL 72

PERCENTAGE OF DATA VALID - 43

UNITS - PARTS PER MILLION

MONTH AUG 72

MONTH AUG 72

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE														UNITS - PARTS PER MILLION											
STATION - D.O.H. BATHURST & WILSON														NO 34007											
MONTH SEP 72																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													4	4	4	4	4	4	5	5	5	6	6	8	
2	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	3	2	2	
3	1	1	1	1	1	1	1	1																	
4																									
5																									
6																									
7																									
8	2	2	1	0	1	2	3	4	6	3	1	1	2	1	0	0	6	6	4	4	3	2	2	1	
9	0	0																		0	0	0	0	0	1
10																									
11																6	8	5	4	5	4	3	3	3	
12	4	6	3	2	1	1	2							3	4	5	6	6	6	7	7	7	6	5	
13	4	6	3	2	1	1	2	13	10	7			10	8	3	3	1	0	0	1	3	3	3	1	4
14	0	0	0								0	0			2	2	2	2	2	2	0	1	1	1	
15	0	0	1	1	1	2	4	6	8	4	4	3	2	2	2	3	2	2	2	3	3	2	1	3	
16	1	1	1	1	0	1	2	2	2	2	4	4	3	4	3	3	2	2	3	2	2	2	1	2	
17			1	1	1	1	2	2	2	2	1	0													
18																									
19	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	6	6	3	4	4	5	1	0	0	
20	0	0	0	0	0	3	7	8	4	3			2	2	3	4	4	4	4	2	1	2	2	3	
21	1	1	1	0	0	3	7	6	3	3	3	2	2	2	2	3	3	3	2	0	0	0	0	2	
22	0	0	0	0	1	1	3	3	2	1	1	1	4	4	4	2	2	1	1	1	0	0	0	2	
23	2	2	2	2	3	5	6	6	6	4	4	4	4	4	3	4	4	4	4	4	3	3	4	4	
24	3	2	1	1	1	1	2	2	3	4	4	4	2	3	3	4	6	7	9	9	8	7	5	4	
25	2	1	0	1	1	4	8	8	6	3	3	3	4	4	5	8	8	3	3	2	1	2	2	4	
26	0	0	0	0	0	2	6	6	5	3	3	4	3	3	3	3	3	1	1	2	4	0	0	2	
27	0	0	0	0	0	1																			
28																									
29																									
30																									
MEAN	1	1	1	1	1	2	4	5	4	3	2	3	3	2	3	3	3	3	3	3	3	2	2	2	
PERCENTAGE OF DATA VALID -														59											

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS PER MILLION												
STATION - D. O. H. BATHURST & WILSON													NO 34007												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	2	2	2	2	1	2	2	2	2	2	2	2	2	3	2	1	2
2	0	0	0	0	0	1	6	11	5	2	2	2	2	2	2	2	3	4	4	5	4	4	3	3	3
3	0	0	0	0	0	0	5	12	14	12	10	6	4	3	3	3	6	6	5	6	5	4	3	3	5
4	2	1	2	2	2	4	8	14	13	6	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
5													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
6													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
7													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
8													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
9													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	1	2	2	2	3	6	14	14	6	4	4	4	3	4	4	6	7	6	4	3	3	2	2	2	5
12	2	2	1	1	1	1	1	1	1	1	1	1	2	1		1	1	1	1	1	0	1	1	0	1
13	1	1	1	1	1	3	7	6	4	5	5	6	6	6	5	8	8	8	8	5	5	4	4	4	5
14	4	3	3	3	4	4	5	5	4	4	4	4	4	3	2	2	2	2	3	3	3	3	3	3	3
15	3	3	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	6	6	6	6	5	5	4
16	5	5	4	4	4	5	6	7	6	5	6	6	6	5	5	5	5	4	4	3	2	2	2	0	4
17	0	0	1	1	1	2	3	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	1	3	1	1	0	0	0	0	0	0
19	0	0	0	0	0	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
20	1	2	1	2	3	4	9	7	5	3	1	1	1	1	1	2	3	3	6	6	4	2	2	1	3
21	2	2	2	2	3	4	3	3	3	2	2	3	2	2	3	3	2	3	2	1	1	0	0	0	2
22	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	3	3	3	2	0	0	0	0	0	1
23	0	0	0	0	0	3	8	9	7	6	7	4	5	6	7	9	8	6	5	2	1	0	0	0	0
24	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	2	1	1	1	0	0	0	0	4
25	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	2	3	5	6	5	4	4	2	2	0
26	1	1	1	1	1	3	9	11	7	4	4	4	3	3	3	4	5	4	4	5	6	4	5	4	4
27	3	2	2	2	2	6	13	14	8	5	4	4	3	3	3	6	6	6	4	3	3	2	3	3	5
28	3	3	3	3	3	3	4	4	5	7	6	4	4	4	2	2	2	1	3	1	1	0	1	0	3
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	2	3	1	1	1	0	1
31	0	0	0	0	0	0	1	7	9	4	3	2	2	2	3	3	5	7	4	2	1	2	2	1	3
MEAN	1	1	1	1	1	2	5	6	4	3	3	3	2	2	3	3	4	3	3	3	2	2	2	1	3
PERCENTAGE OF DATA VALID -													78												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	2	6	8	4	2	2	2	2	2	3	6	8	5	4	3	2	3	2	3
2	1	1	0	0	0	0	3	8	10	8	4	4	4	4	5	6	10	11	10	10	8	4	3	2	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	3	4	5	5	5	4	4	4	3	3	3	3	3	6	6	5	5	5
5	2	4	3	3	3	2	4	10	13	6	4	3	3	3	3	4	7	9	7	5	4	4	4	5	5
6	4	4	3	3	3	2	4	11	13	6	5	5	4	4	5	5	6	6	5	3	3	3	2	2	5
7	4	3	3	3	3	3	7	11	13	6	5	5	4	4	5	5	6	6	5	3	3	3	2	2	5
8	1	1	1	1	1	1	3	8	18	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
9	1	0	1	1	1	1	1	2	2	2	2	2	1	1	1	2	3	3	2	2	3	2	2	2	2
10	1	1	1	1	1	1	3	6	9	6	5	4	3	3	3	3	7	6	4	4	3	4	3	3	4
11	3	3	3	3	2	2	3	3	3	3	3	3	3	2	3	3	3	3	3	3	2	2	2	3	3
12	3	2	3	4	3	2	3	3	3	3	3	4	5	5	6	6	6	6	6	6	5	4	3	4	4
13	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	3	4	4	3	3	2	2	2	2	2
14	3	2	2	2	2	2	2	4	8	7	3	3	3	2	3	3	3	3	3	3	3	3	3	2	3
15	2	2	2	3	3	3	3	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4
16	4	3	4	3	3	3	6	7	9	8	6	6	5	5	6	7	10	9	8	13	12	12	11	8	7
17	7	5	4	3	3	3	3	6	6	4	4	4	3	4	6	5	3	3	3	3	2	1	1	1	4
18	1	1	1	2	2	2	2	3	3	3	3	3	2	2	2	2	3	4	4	4	5	5	5	8	3
19	5	6	3	2	2	2	2	2	2	2	3	3	4	3	4	4	4	3	4	4	4	4	2	2	3
20	0	0	0	0	0	1	1	2	3	2	2	1	1	1	1	1	1	4	4	1	1	2	2	1	1
21	0	0	0	0	0	1	2	6	7	3	2	1	0	1	0	1	2	2	2	1	1	2	2	2	2
22	0	0	0	0	0	0	0	2	2	1	1	0	0	0	0	0	1	1	0	2	2	2	1	1	1
23	0	1	1	1	2	2	3	4	6	3	3	3	2	2	2	3	3	5	4	3	3	3	3	3	3
24	2	2	2	2	2	3	4	5	7	6	6	4	2	3	4	3	3	5	4	3	3	4	5	5	4
25	5	4	4	3	2	2	3	5	4	4	7	7	4	4	4	5	5	6	7	4	3	2	2	3	4
26	1	1	1	1	0	0	0	0	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
27	2	2	2	1	1	1	2	3	3	3	2	2	2	2	2	3	4	4	4	3	1	1	2	2	2
28	2	1	1	1	1	2	3	6	5	3	3	3	1	1	1	1	2	2	2	2	2	2	2	2	2
29	1	1	1	1	2	2	2	2	2	2	2	2	1	2	3	3	3	3	4	5	4	4	4	4	2
30	3	2	3	2	2	3	5	7	9	5	4	4	3	3	3	3	5	5	4	4	4	3	4	4	4
MEAN	2	2	2	2	1	2	3	4	5	4	3	3	2	2	3	3	4	4	4	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	2	5	5	2	2	0	0	1	1	1	0	1	1	2	1	1	0	0	1
2	0	0	1	0	0	0	1	2	3	3	3	2	2	2	2	1	4	6	5	4	3	4	1	1	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	2	1	0	0	0	1	2	6	6	4	5	3	4	5	6	5	6	9	5	5	3	3	3	3	4
9	3	3	2	2	1	1	1	2	2	3	2	2	1	2	3	2	4	6	6	4	3	2	2	4	3
10	2	2	2	2	2	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	6	8	5	4	3	2	2	1	1	2	3	2	2	2	2	2	2	2
12	2	1	1	1	1	2	4	8	9	5	5	4	2	3	2	3	3	3	3	3	3	4	5	4	3
13	2	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	3	1	1	0	0	0	0	1
14	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	6	1	1	1	1	1	1	1	1
15	0	0	0	0	0	0	0	1	3	4	3	3	2	2	3	4	4	3	2	2	2	1	1	1	3
16	0	0	1	1	1	1	1	1	2	2	2	2	3	1	1	1	2	2	2	1	1	1	1	1	1
17	1	1	2	2	2	2	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	2	2	2	1	1	1	4	7	7	3	3	3	3	3	4	5	6	6	4	3	3	2	2	2	3
21	1	1	1	1	1	1	2	8	9	7	5	6	4	5	5	7	9	8	6	6	4	4	4	5	5
22	1	1	2	2	2	3	3	2	4	3	3	2	3	3	4	4	4	7	7	6	7	6	6	7	4
23	4	3	2	1	1	1	1	3	4	5	5	6	6	6	6	5	5	6	6	6	6	6	6	6	2
24	7	6	5	2	2	1	2	3	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2
25	1	1	1	1	1	1	1	3	3	2	2	3	2	4	3	4	5	2	2	1	1	1	0	0	1
26	2	2	0	1	1	1	1	3	3	4	3	4	3	5	4	4	4	4	3	3	3	1	1	1	2
27	0	0	0	0	0	1	1	3	7	4	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
28	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
29	1	1	1	1	0	1	2	5	5	1	2	2	2	2	3	2	3	4	4	2	2	1	1	1	2
30	1	1	1	1	0	0	0	1	1	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	1
31	0	0	0	0	0	0	0	1	1	1	4	6	7	9	5	5	5	3	1	3	4	3	1	1	3
MEAN	1	1	1	1	1	1	1	3	4	3	3	2	2	3	2	3	3	3	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - D.O.H. BATHURST & WILSON

NO 34007

UNITS - PARTS PER MILLION

POLLUTANT - CARBON MONOXIDE

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	8	3	4	12
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	15	2	5	10
JUL	17	2	4	10
AUG	29	2	6	11
SEP	25	2	5	13
OCT	26	3	5	14
NOV	30	3	7	13
DEC	29	2	5	9
YEAR	179	2	7	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING					
FEB	58	55	43	4	0	0	160
MAR		DATA MISSING					
APR		DATA MISSING					
MAY		DATA MISSING					
JUN	161	77	62	1	0	0	301
JUL	142	115	67	2	0	0	326
AUG	255	175	157	5	0	0	592
SEP	175	141	109	5	0	0	430
OCT	238	168	159	17	0	0	582
NOV	177	319	200	19	0	0	715
DEC	289	201	129	5	0	0	624
YEAR	1495	1251	926	58	0	0	3730

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
63	0	0.2	0.7	1.6	2.8	4.9	5.9	7.7	8.9	14	2.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	2	3	1	***	0	0	0	0	0	0	1	1	2	2	2	2	2	1
4	2	2	2	2	2	2	2	2	4	3	3	2	2	2	2	***	6	4	3	3	3	3	3	3	3
5	3	3	3	3	3	4	5	6	6	6	5	4	4	4	3	4	6	8	10	10	8	7	9	8	6
6	8	6	6	6	6	6	5	5	5	5	3	2	2	3	2	2	3	3	5	3	3	3	3	3	4
7	3	3	3	3	4	3	4	3	3	3	3	3	***	***	0	1	1	1	2	3	3	4	4	5	3
8	5	5	5	5	5	5	6	6	7	7	6	5	5	4	4	4	4	4	5	5	5	4	4	5	5
9	4	4	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	2	3	9	6	2	2	2	1	1	1	2	3	5	3	2	3	4	4	3	3
11	2	2	2	1	1	1	1	2	2	1	1	0	0	0	0	1	2	2	2	2	3	4	3	3	2
12	3	2	2	2	2	3	3	4	4	3	2	1	2	1	1	2	3	3	3	3	3	3	3	3	3
13	2	2	2	2	1	1	1	1	3	4	2	1	0	0	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	1	2	2	2	3	3	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
16	1	1	1	1	2	2	3	3	2	2	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1
17	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	2	2	2	2	1	1	1	1	1
25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
26	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
28	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2	4	2	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
MEAN	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	2	1	1	1	0	0	0	0	0	0	0	1	2	4	5	6	7	4	2	1
2	2	1	0	0	0	0	0	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	
3	1	1	1	1	1	1	1	1	2	1	1	0	1	0.0.0.0	1	2	5	7	4	3	3	1	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	2	3	3	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	
8	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	
9	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	
10	1	1	1	1	1	1	1	2	6	8	2	0	0	0	0	0	0	1	1	0	0	0	1	1	0	
11	1	1	1	1	1	1	1	2	5	3	2	1	0	1	1	1	1	1	1	2	2	2	1	1	1	
12	0	0	0	0	0	0	1	1	2	2	2	2	2	2	3	2	3	3	6	5	6	4	5	4	2	
13	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0.0.0	0.0.0.0	0.0.0.0	1	0	0	1	1	0	
15	1	0	0	0	1	1	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	0	
17	1	1	2	2	2	1	1	2	2	1	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
18	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	2	2	1	2	1	0	0	0	1	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	3	3	1	
20	4	4	5	5	6	7	7	7	7	7	7	6	5	4	4	3	3	2	2	2	2	2	2	2	4	
21	1	1	1	1	1	0	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
22	0	0	1	1	2	2	3	4	4	4	4	3	2	2	1	0	0	0	1	2	2	2	3	4	2	
23	3	3	4	4	3	3	3	4	5	2	2	2	1	0	1	1	1	1	1	1	1	1	1	1	0	
24	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	1	3	2	2	3	3	2	0	0	1	1	1	1	0	0	0	0	1	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0.0.0.0	1	1	2	3	3	2	3	4	3	2	2	1	
29	2	3	2	1	1	0	0	0	0	0	0	0	0	1	1	2	3	3	4	3	2	2	1	1	1	
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS PER MILLION												
STATION - ELMCREST ROAD, ETOBICOKE													NO 35003												
MONTH MAR													72												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	1	2	3	2	2	2	2	2	2	2	2	2	2	1	1	2
2	1	1	0	0	0	0	0	1	0	0	0	1	1	1	4	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1
4	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	0	0	0	0	0	1	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	2	2	1	1	1	2	1
7	1	1	1	1	1	0	3	2	2	1	0	1	0	1	1	1	1	1	2	2	1	1	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
9	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
10	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
11	3	3	4	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	2	2
12	2	3	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	2	1
13	2	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
15	1	0	0	0	0	0	1	3	3	2	2	3	2	2	2	1	2	2	2	2	1	1	1	1	1
16	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	2	4	2	1	1	0	1	1
17	1	1	0	0	0	0	1	0	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0
19	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	3	2
22	3	3	2	1	1	1	2	3	3	3	4	2	2	2	2	0	4	1	1	1	1	1	1	2	2
23	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	1	2	2	0	0	1	1	1	2	2	2	2	2	2	2	2	1
30	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1
31	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
MEAN	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - CARBON MONOXIDE													UNITS - PARTS PER MILLION													
STATION - ELMCREST ROAD, ETOBICOKE													NO 35003													
MONTH APR 72																										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	2	2	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	
2	DATA MISSING																									
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0		
4	3	2	2	1	1	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	4	5	6	3	0	
5	6	6	6	6	6	6	6	6	5	4	4	3	2	0	0	0	0	0	0	0	0	0	0	0	3	
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1	1	
7	2	2	2	2	2	2	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
8	0	0	1	1	1	2	2	2	1	0	DATA MISSING															
9	DATA MISSING																									
10	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	2	2	2	2	0	
11	1	1	1	1	1	2	2	3	2	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	
12	1	1	0	0	0	0	0	1	2	2	2	2	1	1	1	1	2	1	2	2	1	0	0	0	1	
13	0	0	0	0	0	0	0	1	3	3	3	2	0	0	0	0	0	1	1	1	1	0	0	1	1	
14	0	0	1	1	1	1	2	2	1	1	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1	
15	0	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	0	0	0	1	5	4	4	3	2	
16	2	3	2	2	2	2	2	2	0	0	1	2	2	1	1	1	2	2	2	2	2	2	2	1	2	
17	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	3	1	
18	2	2	2	2	3	4	5	5	4	4	0	0	0	0	0	1	1	1	1	1	2	2	2	3	1	
19	DATA MISSING																									
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	3	0		
21	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	
22	1	1	2	1	2	2	2	3	3	4	4	4	1	1	1	1	1	0	1	1	1	1	2	2	2	
23	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	3	3	2	2	1	1	1	
28	1	1	1	1	1	1	1	1	0	0	0	0	1	1	2	2	2	3	3	2	2	2	2	2	1	
29	2	2	2	3	3	3	4	3	3	2	1	1	0	0	0	0	0	1	1	2	2	3	4	7	2	
30	6	5	5	5	5	5	5	5	4	3	2	1	1	1	1	1	2	3	3	4	4	4	4	3	3	
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	2			

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	4	4	4	5	7	7	4	3	3	3	3	3	4	4	4	4	4	3	2	2	2	4
2	2	2	2	2	2	3	4	6	4	3	3	2	2	3	3	4	5	5	5	4	3	3	2	2	3
3	2	2	2	2	1	2	2	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2	2	2	2
4	2	2	2	2	2	3	3	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4
7	1	1	1	1	1	1	1	1	2	2	1	1	0	1	1	2	2	3	5	4	3	2	2	1	2
8	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
10	1	1	1	1	2	2	2	1	0	0	0	0	0	1	1	1	0	0	0	1	2	2	2	2	1
11	2	2	1	1	1	2	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
12	1	1	1	1	1	2	3	2	1	0	0	0	0	0	0	0	0	0	0	1	3	2	2	0	1
13	2	1	1	1	1	2	3	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1
14	2	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
15	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
17	3	3	2	2	2	2	2	2	2	1	1	3	4	4	4	5	6	6	7	9	9	8	7	4	4
18	2	2	2	2	2	5	3	6	5	2	3	4	5	5	4	3	4	3	2	3	3	4	4	4	3
19	4	4	4	4	4	4	4	6	5	2	2	2	2	2	2	2	2	2	2	4	5	5	5	5	3
20	5	3	3	2	2	3	3	4	3	3	2	2	2	1	1	1	1	2	2	2	2	2	2	3	2
21	3	4	4	4	4	4	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	2	2	1	1	0	0	0	0	1	1	0	1	1	3	5	4	3	1
23	2	2	1	1	1	2	2	4	3	3	2	0	0	0	0	1	2	3	5	5	5	3	1	1	2
24	1	1	1	1	1	1	1	2	2	2	1	2	3	3	3	4	4	5	6	5	5	6	8	3	3
25	8	7	6	5	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	5	5	5	5	5	5
26	5	4	5	5	5	6	6	6	6	4	4	3	2	2	2	3	4	3	4	6	6	6	6	6	5
27	6	5	5	4	4	5	5	5	4	4	4	3	3	3	3	3	3	4	4	5	4	5	5	4	4
28	6	5	4	4	4	4	4	4	5	4	4	4	3	3	2	3	3	3	3	4	5	4	6	6	4
29	5	5	5	5	6	5	5	5	6	6	4	4	2	2	4	4	5	5	5	5	4	4	3	4	5
30	3	2	2	2	2	2	2	3	2	2	2	2	3	2	2	3	3	4	3	2	2	2	2	2	2
31	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2
MEAN	3	3	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	0	0	0	1	1	1	2	2	2	4	4	4	5	4	4	2
2	4	4	2	1	2	2	2	3	3	2	4	5	6	8	9	9	9	9	9	9	9	9	9	9	6
3	8	7	6	3	2	1	3	4	4	5	5	5	9	9	9	9	9	9	9	9	9	9	9	9	7
4	4	4	2	0	0	0	0	0	1	1	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5
5	0	0	0	0	0	0	0	1	2	2	1	0	1	2	2	3	3	3	3	3	3	3	3	3	2
6	1	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	2	2	2	2	2	2	2	1
7	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	2	3	3	3	3	3	4	2	1	1
8	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	3	3	3	1	2	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	1	2	2	1
10																									
11																									
12																									
13	3	2	2	2	2	2	3	4	4	3	3	3	2	3	3	3	4	4	4	4	4	4	5	4	3
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	2	2	2	1	1	1	1	2	2	2	2	2	3	3	3	4	4	4	4	5	4	4	4	3	3

PERCENTAGE OF DATA VALID - 31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
10	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	2	1	1	0	0	1	1	2	2	2	0	0	0	0	0	0	0	0	2	2	2	2	2	4	1
12	3	2	2	2	1	2	5	5	5	5	3	3	2	2	2	2	3	3	3	2	2	2	2	1	3
13	1	0	0	0	0	0	0	1	1	2	1	0	1	0	1	0	1	1	1	1	1	1	2	1	1
14	1	1	1	1	2	2	2	2	2	1	1	0	0	0	1	1	1	2	2	2	2	2	1	1	1
15	1	1	2	2	3	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	4
16	4	4	4	4	3	3	3	3	4	4	4	4	4	4	3	3	5	5	5	5	4	5	5	5	5
17	4	4	3	4	4	4	4	4	4	4	4	4	2	2	1	1	1	1	2	3	3	3	3	3	3
18	4	3	3	3	3	3	4	4	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	2	3	2	2	2	1	1	0	1	0	0	0	0	0	0	1
20	1	1	1	0	0	1	1	2	3	3	3	4	5	5	4	3	2	2	2	3	5	5	4	4	3
21	4	4	3	3	3	3	3	4	4	4	4	6	4	3	3	3	3	3	5	5	4	3	3	2	4
22	1	2	1	1	2	1	1	2	2	2	2	1	2	1	2	1	1	1	1	0	1	1	1	4	1
23	4	4	2	1	1	1	0	1	2	4	2	4	6	3	2	2	3	3	2	2	2	3	3	3	3
24	4	3	1	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	1	0	1	2	2	2	1
25	1	2	2	2	1	1	0	0	1	1	1	1	0	1	2	1	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
27	3	2	2	2	1	1	2	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	2	2	2	2	2	2	2	2	1	1	2	4	4	4	4	4	4	4	4	4	4	3	3
29	3	4	4	4	4	4	5	6	6	7	7	6	6	6	6	6	6	6	7	7	5	4	5	5	5
30	5	5	3	3	3	3	2	3	4	4	4	4	3	4	3	3	3	3	2	2	2	2	2	2	3
31	3	2	2	2	2	2	1	1	1	2	2	3	4	3	3	3	1	0	0	0	0	0	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 75

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	1	6	10
FEB	29	1	4	8
MAR	31	1	2	5
APR	27	1	3	7
MAY	31	2	5	9
JUN	11	3	7	9
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT		DATA MISSING		
NOV		DATA MISSING		
DEC	24	2	5	7
YEAR	183	2	7	10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	438	154	69	4	0	0	665
FEB	533	112	43	0	0	0	688
MAR	550	144	9	0	0	0	703
APR	375	143	42	0	0	0	560
MAY	260	265	194	2	0	0	721
JUN	92	74	45	18	0	0	229
JUL	DATA MISSING						
AUG	DATA MISSING						
SEP	DATA MISSING						
OCT	DATA MISSING						
NOV	DATA MISSING						
DEC	260	181	117	0	0	0	558
YEAR	2508	1073	519	24	0	0	4124

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80	0	0.2	0.5	0.8	1.5	3.5	4.5	5.7	6.8	10	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	0	0	0	1
27	0	1	0	0	0	0	1	2	2	1	1	0	0	0	0	0	2	3	2	2	0	0	1	0	1
28	1	1	1	1	1	1	1	2	3	1	0	0	0	0	0	0	1	2	1	0	0	0	0	0	1
29	1	1	1	1	1	1	1	2	3	1	0	0	0	0	0	0	1	2	1	0	0	0	0	0	1
MEAN	1	1	1	0	0	0	1	1	2	1	1	1	0	0	2	1	2	2	1	1	1	1	1	0	1

PERCENTAGE OF DATA VALID - 11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	2	3	5	5	5	3	3	2	2	2	1	1	1	2	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	1	2	3	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
3	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
30												- DATA MISSING -													
31												- DATA MISSING -													
MEAN	0	0	1	2	3	2	3	3	2	2	2	2	2	2	1	1	1	2	1	1	0	0	0	0	2

PERCENTAGE OF DATA VALID - 4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
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14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25	5	5	4	2	2	2	2	2	2	1	1	1	1	1	1	2	3	3	3	3	3	6	5	7	***
26	1	0	0	1	0	1	2	3	2	1	1	1	1	1	1	2	1	1	1	1	2	4	4	4	2
27	4	4	0	0	1	1	2	2	1	1	1	1	0	0	0	0	1	1	1	1	1	3	4	4	1
28	5	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	3	4	4	2
29	1	3	3	1	2	4	4	4	1	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	5	3	3	3	3	3	3	3	2
31	1	1	1	1	1	1	1	3	3	3	2	2	2	2	2	3	2	2	2	2	1	1	1	1	2
MEAN	3	3	2	1	1	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	3	3	3	2

PERCENTAGE OF DATA VALID - 23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	1	1	2	2	***	1	1	1	2	2	2	3	2	2	2	2	2	2	3	2
2	3	4	3	2	3	3	4	6	5	4	3	3	2	2	2	2	3	2	2	2	2	2	2	3	2
3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
4	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	1	1	1	1	1	1	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	1	1	1	1	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
8	1	1	1	1	1	1	3	3	2	2	2	2	3	2	2	3	3	2	2	3	2	2	2	3	2
9	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
12	1	1	1	1	1	2	3	3	2	2	2	2	3	2	2	2	3	2	2	2	2	2	2	2	2
13	1	1	2	1	1	2	5	5	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	1	1	1	1	2	4	4	3	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	1	2	3	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
17	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	1
18	4	3	2	2	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1
19	1	1	1	1	2	2	3	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
20	2	2	2	2	1	2	4	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2
21	1	1	1	1	0	1	3	5	5	2	2	3	2	2	3	3	4	2	2	1	1	1	1	1	2
22	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	1	1	2	2	2	1	1	1	1	2	3	2	3	3	3	1	2	2	2	2	2
24	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	***	***	***	***	***	***	1
25																									
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	1	1	1	1	3	3	4	4	2	2	2	1	1	1	1	2	2	1	2	2	2	2	2	2	***
28	2	2	1	2	2	4	4	4	3	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	2
29	1	1	1	1	2	3	4	4	3	2	3	3	3	2	3	3	2	2	5	5	5	1	1	1	2
30	1	1	1	1	1	1	2	3	2	3	3	2	2	2	2	2	2	1	3	3	2	2	2	2	2
MEAN	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	3	2
2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	1	4	4	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
5	1	0	0	0	1	2	3	4	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
6	2	1	1	1	1	3	5	5	2	1	2	1	1	1	1	1	1	0	1	1	1	2	2	2	2
7	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	0	0	1	2	1	1	1	1
8	1	2	1	2	2	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	2	3	4	3	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	2	2	1	1	2	2	2	2	1	1
11	1	1	1	1	1	3	4	5	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2
12	2	2	2	2	2	2	2	4	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
13	1	1	1	1	1	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
14	3	2	2	2	2	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
15	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	2	2	2	2	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	2	2	1	1	2	2	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	- DATA MISSING -																								
21	- DATA MISSING -																								
22	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2
23	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1
24	0	0	0	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
25	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	1	3	3	2	1	1	0	0	0	0	1	1	1	1	1	0	1	1	1	1
28	0	0	0	0	1	2	2	2	1	1	2	1	2	2	1	1	2	2	2	2	3	3	4	4	2
29	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	3	4	2
30	5	6	5	4	4	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
31	4	4	4	3	2	3	6	6	4	4	3	3	3	3	3	4	3	3	2	2	2	2	2	2	3
MEAN	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	3	5	5	4	3	3
2	3	3	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
3	2	2	2	2	2	2	4	4	4	3	3	3	2	2	3	3	3	2	2	2	1	1	3	1	2
4	1	1	0	0	1	1	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1
5	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	2	2	3	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1
8	1	1	1	1	1	2	3	4	2	2	2	2	2	2	2	2	3	1	1	2	2	1	1	1	2
9	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	1
10	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	1	2	2	2	2	2	3	2	3	2
11	3	1	1	1	1	3	4	3	2	2	2	1	2	2	2	2	2	2	1	2	2	2	2	2	2
12	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2
14	2	2	2	2	2	3	4	5	4	4	3	3	3	4	3	3	2	2	3	3	2	2	3	2	3
15	2	2	2	2	2	4	6	8	5	4	3	3	3	3	3	3	2	2	3	3	2	2	3	2	3
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	1	1	1	1	2	4	4	3	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	2
18	1	1	1	1	1	2	3	4	2	2	2	2	2	2	1	1	2	1	1	1	2	1	1	2	2
19	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	2	2	1
20	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
21	3	6	6	4	3	5	10	9	5	4	2	3	2	2	2	2	2	2	2	2	2	2	2	2	4
22	2	2	2	2	2	3	3	5	3	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3
23	4	4	2	3	3	3	5	5	3	3	4	4	4	5	5	4	4	4	4	4	4	4	4	4	3
24	3	3	3	3	3	3	5	5	3	3	4	4	4	5	5	4	4	4	4	4	4	4	4	4	3
25	3	3	3	3	3	3	5	5	3	3	4	4	4	5	5	4	4	4	4	4	4	4	4	4	3
26	2	2	2	2	2	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	1	1	2	3	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	1	1	1	2	3	5	7	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	3	6	11	9	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	2	2	2	2	2	2	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	2	2	2	2	3	5	5	.....
2	3	2	1	1	1	1	2	2	1	2	2	2	3	4	4	4	3	2	1	1	1	1	1	1	2
3	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	3	3	2	2	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	3	5	6	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	3	5	6	5	3	2	2	2	2	2	2	2	1	1	1	2	3	4	3	3
7	2	2	2	2	2	4	5	4	3	2	2	2	2	2	2	3	3	2	2	2	2	3	3	4	3
8	2	2	2	2	2	3	6	9	7	6	5	4	3	3	3	3	3	2	2	2	2	1	2	2	3
9	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
10	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	2	4	3	2
11	2	2	2	2	2	4	6	7	3	3	2	2	2	1	1	2	2	2	2	2	1	2	2	2	2
12	1	1	1	1	1	2	3	4	3	2	2	2	2	1	1	2	2	2	2	2	3	2	2	2	2
13	2	2	1	1	1	1	3	4	3	2	2	2	2	2	2	4	4	4	3	2	2	2	2	2	2
14	2	2	1	1	1	1	2	4	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
15	2	2	1	1	1	1	2	3	6	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	1
18	2	3	2	1	1	2	2	2	2	2	2	1	1	2	...	3	4	5	4	3	3	2	2	1	2
19	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	2	2	2	2	3	4	5	5	2
20	2	1	1	1	1	2	4	6	3	3	2	1	1	1	1	1	2	2	1	2	1	1	2	2	2
21	1	1	1	1	2	2	3	4	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
22	1	1	1	1	1	1	3	4	3	2	2	2	1	1	...	2	2	2	2	2	4	2	3	3	2
23	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	...	...	...	...	...	...	...	...	...	...
26	2	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
27	1	1	1	0	0	1	3	4	3	2	2	2	2	2	2	4	5	5	5	5	4	4	3	3	3
28	2	1	1	1	1	1	3	3	2	1	1	1	1	2	...	4	5	5	5	5	5	5	5	5	5
29	1	1	1	0	1	1	1	2	1	1	2	2	2	2	2	4	7	5	3	2	1	1	1	1	2
30	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1
MEAN	2	2	2	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
2	0	0	0	0	0	1	3	7	3	2	...	1	1	1	1	1	2	2	1	1	2	3	4	4	2
3	3	2	1	1	1	1	3	6	8	4	3	2	1	1	3	3	3	2	1	1	1	1	1	2	2
4	2	2	3	3	3	3	6	10	5	1	1	0	1	1	1	1	2	2	2	2	1	1	1	0	2
5	0	0	0	0	0	0	2	5	2	1	1	0	0	2	5	4	3	3	2	2	1	1	1	1	2
6	1	1	1	0	1	1	3	6	13	12	7	4	2	2	2	3	5	6	5	4	2	1	0	0	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	3	3	3	3	3	4	1
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3
9	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	3
10	3	2	2	2	2	2	5	9	10	5	3	...	...	2	2	2	1	2	2	2	2	2	2	2	3
11	2	3	2	4	7	11	21	17	3	3	3	4	4	4	4	5	4	4	3	3	3	3	3	3	5
12	3	3	4	4	5	5	6	6	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5
13	3	3	4	4	4	4	6	8	9	5	5	4	4	4	4	5	5	4	4	4	4	4	4	4	5
14	4	4	4	4	3	3	4	3	4	4	4	5	4	4	4	4	4	4	4	4	3	3	3	4	4
15	4	4	4	4	3	3	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	3	3	3	4	3	4	4	4	4	3	3	4	4	4	4	5	4	4	4	4	4	4	4	4	4
17	4	3	3	3	3	4	5	5	4	5	5	4	4	5	5	5	5	6	5	5	4	4	4	3	4
18	3	2	2	1	2	3	6	7	5	4	...	2	1	1	1	2	1	...	...	...	...	...	...	...	3
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	1	1	1	1	0	1	1	...
20	2	0	0	0	1	1	1	2	2	...	...	0	...	0	1	1	1	1	1	1	2	1	1	2	3
21	2	2	1	2	3	4	4	3	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
22	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	3	3	3	2	3	3	3	4	4	...	2	2	3	2	2	1	1	1	2
24	1	1	0	0	1	1	2	3	3	2	2	2	2	2	2	...	...	...	...	...	...	...	...	...	...
25	- DATA MISSING -																								
26	- DATA MISSING -																								
27	- DATA MISSING -																								
28	- DATA MISSING -																								
29	- DATA MISSING -																								
30	- DATA MISSING -																								
31	- DATA MISSING -																								
MEAN	2	2	2	2	2	3	4	5	4	3	3	2	2	2	3	3	3	3	3	3	2	2	2	2	3

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN																									

PERCENTAGE OF DATA VALID - 2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	1	1	1	1	1	2	4	2	2	2	2	3	3	4	4	3	3	3	3	3	2	2
2	2	2	3	3	2	2	2	2	3	4	2	2	2	2	2	2	3	3	3	2	3	2	2	4	2
3	5	3	3	2	2	2	1	1	2	1	2	2	2	2	2	2	3	2	2	2	2	3	3	3	2
4	2	2	2	2	1	1	1	2	4	4	2	1	0	1	1	1	2	2	1	0	0	0	0	0	1
5	0	0	0	0	0	0	0	1	3	4	4	4	4	5	4	1	2	3	3	4	4	2	0	0	2
6	1	1	0	0	0	0	3	5	12	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	1
7	4	4	4	4	4	4	4	1	3	3	1	0	0	0	0	0	1	1	1	3	3	3	2	3	1
8	4	4	4	4	4	4	4	1	1	1	1	1	1	1	1	0	1	6	4	3	3	3	3	3	2
9	4	4	3	4	4	3	4	6	6	6	6	5	5	5	5	6	6	6	4	4	4	5	5	4	5
10	4	5	5	4	4	4	3	4	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3
11	2	2	2	2	3	3	3	5	4	3	2	2	3	3	3	3	4	4	4	4	4	4	4	4	3
12	4	4	3	3	3	3	4	8	9	6	6	3	2	2	2	3	4	3	2	2	2	3	3	3	4
13	2	2	2	1	2	1	2	3	3	3	3	3	2	3	3	3	3	3	2	2	2	1	1	1	2
14	1	1	1	1	1	1	1	3	4	3	2	2	1	2	2	2	3	6	5	5	3	3	3	2	2
15	1	1	1	1	1	0	1	1	3	1	1	1	2	2	2	2	4	6	6	3	4	3	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
17	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1
18	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2
19	3	2	1	1	1	1	1	3	3	7	2	2	2	2	2	3	4	4	5	4	3	3	3	3	2
20	3	4	3	3	3	2	3	5	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3
21	1	1	1	1	1	1	1	6	2	4	4	5	5	5	4	5	6	6	6	6	5	6	5	5	4
22	3	3	2	2	2	3	2	7	6	6	6	4	5	5	6	5	6	6	6	6	5	6	5	5	4
23	3	3	2	2	2	3	2	3	4	4	4	5	5	5	6	5	6	6	6	6	5	6	5	5	4
24	3	3	2	2	2	3	2	4	4	4	4	5	5	5	6	5	6	6	6	6	5	6	5	5	4
25	3	3	2	2	2	3	2	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3
26	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	3	3	3	3	3	1	1	1	1	2
27	1	1	1	0	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
28	2	1	1	1	1	1	1	3	0	0	1	1	1	1	1	3	2	2	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	3	3	3	3	3	3	2	2	4	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	1	2	1	2	2	1	1	2	2	2
31	2	2	1	1	1	1	1	1	2	2	3	5	10	6	2	2	2	1	2	3	3	2	2	2	2
MEAN	2	2	2	2	2	1	2	3	4	3	2	2	3	2	2	3	3	3	3	3	2	3	2	2	2

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	5	1	1	3
MAR	3	2	2	5
APR		DATA MISSING		
MAY	8	2	2	7
JUN	29	2	3	6
JUL	29	2	3	6
AUG	31	2	4	11
SEP	30	2	3	9
OCT	24	3	5	21
NOV	1	1	0	2
DEC	31	2	5	12
YEAR	191	2	5	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING						
FEB	69	12	0	0	0	0	81
MAR	21	11	3	0	0	0	35
APR	DATA MISSING						
MAY	94	62	21	0	0	0	177
JUN	290	355	30	0	0	0	675
JUL	303	325	42	0	0	0	670
AUG	235	394	69	4	0	0	702
SEP	268	357	74	1	0	0	700
OCT	179	197	151	7	2	0	536
NOV	10	5	0	0	0	0	15
DEC	197	404	119	3	0	0	723
YEAR	1666	2122	509	15	2	0	4314

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
58	0	0 3	0 8	1 3	2 0	3 3	4 1	5 0	5 9	21		2 1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE		UNITS - PARTS PER MILLION																							
STATION - HIGHWAY 7 AND 400 TORONTO		NO 48001												MONTH JAN 72											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1
3	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1
4	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
6	1	2	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
7	1	0	0	1	1	0	0	1	1	1	1	1	1	1	2	2	1	0	1	1	1	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	3	2	5	6	4	1	0	2	2	2
11	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	2	3	3	2	2	1
12	2	1	1	0	0	1	0	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
14																									
15																									
16																									
17																									
18																									
19																									
20	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
23	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	1	1	1	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1
PERCENTAGE OF DATA VALID -		55																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE		UNITS - PARTS PER MILLION																							
STATION - HIGHWAY 7 AND 400 TORONTO		NO 48001												MONTH FEB 72											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	1	1	1	1	1	1	1	2	3	3	2	2	3	3	2	3	4	6	6	6	5	4	3	3	3
4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6																									
7																									
8																									
9	2	1	1	1	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	1	1	1	1	2	2	1	1	2	2	1	2	2	2	2	3	2	2	1	2	2
11	2	2	2	2	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	2
12	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	0	1	2	3	1	1	1	1	1	2	2	2	2	2	1	0	0	0	1
19																									
20																									
21																									
22																									
23																									
24																									
25	2	2	1	2	2	2	2	2	2	1	2	4	3	3	3	3	4	4	4	4	4	4	3	3	3
26	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3
27	2	2	2	2	2	2	2	1	1	1	2	3	2	3	3	3	3	3	3	3	3	2	2	2	2
28	2	2	2	2	2	2	2	3	2	3	3	3	3	2	3	2	3	4	6	5	6	5	4	4	3
29	6	5	3	3	2	3	2	1	2	2	3	3	0	0	0	2	2	3	3	5	3	2	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
PERCENTAGE OF DATA VALID -		61																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	2	1	2	1	2	0	1	1	1	1	0	0	1	0	1	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	0	1	1	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0
5	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	1	1	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	1	1	2	1	1	1	1
7	1	0	1	1	1	1	2	3	2	2	2	1	1	1	***	2	1	1	2	1	1	1	1	1	1
8	1	1	0	0	0	0	0	1	0	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	1	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	1	0
11	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	1	1	1	0	1	2	1	1	1
12	0	0	1	1	0	1	0	1	1	0	1	1	1	1	2	4	3	1	0	1	0	1	0	0	1
13	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	0	0	1	1	0	1	1
15	0	0	1	0	1	1	0	0	1	1	2	1	1	2	2	1	1	2	2	2	1	1	0	1	1
16	0	0	0	1	0	0	0	0	1	1	1	***	2	1	1	1	1	1	1	1	1	0	1	1	1
17	1	1	2	1	1	0	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1
18	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	2	1	1	1	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	2	2	3	1
20	3	3	4	3	2	2	2	1	2	2	2	2	2	1	1	2	2	3	2	4	3	2	1	2	2
21	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	3	2	1	1	1	1	2	2	2	1
22	1	1	1	1	1	1	1	1	2	2	2	1	1	1	0	1	1	1	1	1	1	0	0	0	1
23	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
24	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	1	1	1	***	***	***	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	2	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	2	3	2	1	1	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	***	***	***	***	0
30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	***	***	***	***	0
31	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	0	0	0	0	1	1	***
MEAN	0	0	1	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0	***	***	***	***	***	***
2																									
3																									
4																									
5																									
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	3	2	2	2	2	2	***
7	1	2	1	1	1	2	1	1	2	1	1	1	2	3	3	3	4	3	3	3	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	3	2	4	5	5	4	4	3	2	2	2	2	3
9	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	6	6	6	6	6	4
10	6	6	6	5	5	5	5	5	4	4	***	1	1	1	3	3	4	3	1	2	1	1	1	1	3
11	2	1	1	1	1	1	1	1	1	2	2	2	3	2	3	4	4	3	3	2	2	1	2	1	2
12	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	2	1	1	0	1	1	1	0	1
13	0	0	0	0	1	0	0	1	1	1	0	0	1	1	3	4	4	3	2	2	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	1	0	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	0	1	1	1
16	1	1	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	1	0	0	0	0	0	0	0	0	***	***	***	0	1	1	1	0	0	1	1	0	0
18	0	1	1	1	1	1	2	1	1	1	***	2	2	3	3	3	3	2	1	1	1	1	1	1	1
19	1	1	2	2	1	1	1	1	1	2	2	1	2	1	1	1	1	1	0	0	0	0	0	0	1
20	0	0	0	0	0	1	1	1	1	1	0	0	0	1	2	3	2	1	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	2	1	1	0	0	0	1	1	0	0
22	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	2	2	2	3	1
23	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1
25	1	1	0	1	1	1	1	0	0	0	0	0	0	0	2	4	3	2	1	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	3	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	3	2	1	2	1	1	0	0	1
28	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	2	3	2	1	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	3	2	1	2	3	2	2	1
30	2	2	1	1	1	0	0	0	0	0	1	2	2	2	2	2	2	3	2	3	2	4	4	5	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5																									
6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0
7																	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	1	1	1
9	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	1	0	0	0	0	0	1
10	0																								
11																	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	0	0	0	0	1	3	1	1	1	1	2	2	1	2	2	2	1
13	2	2	2	1	1	1	1				2	3	3	3	2	2	2	2	3	3	3	4	5	4	2
14	5	4	4	3																					
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	1	1	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PERCENTAGE OF DATA VALID -	20																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1												- DATA MISSING -															
2												- DATA MISSING -															
3												- DATA MISSING -															
4												- DATA MISSING -															
5												- DATA MISSING -															
6												- DATA MISSING -															
7												- DATA MISSING -															
8												- DATA MISSING -															
9												- DATA MISSING -															
10												- DATA MISSING -															
11												- DATA MISSING -															
12												- DATA MISSING -															
13												- DATA MISSING -															
14												- DATA MISSING -															
15												- DATA MISSING -															
16												- DATA MISSING -															
17												- DATA MISSING -															
18												- DATA MISSING -															
19												- DATA MISSING -															
20												- DATA MISSING -															
21												- DATA MISSING -															
22												- DATA MISSING -															
23												- DATA MISSING -															
24												- DATA MISSING -															
25												- DATA MISSING -															
26												- DATA MISSING -															
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
29	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1		
30	2	2	1	1	1	1	1	2	1	1	0	0	0	0	0	0	1	1	1	2	2	2	2	2	1		
31	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	2	1	2	2	2	2	2	2	1		
MEAN	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1		
PERCENTAGE OF DATA VALID - 17																											

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2	2	2	2	2	2
3	2	2	2	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1
6	2	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	2	2	2	2	2	3	3	3	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	2	2	2	2	2	3	3	3	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	2	2	2	2	2	3	3	3	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	2	2	2	2	2	3	3	3	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	1
16	2	1	1	1	0	1	1	1	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
17	1	1	1	0	0	0	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
20	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	2	3	3	3	1
21	2	2	2	2	1	2	2	3	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1
23	1	1	1	1	1	1	3	4	3	2	1	1	1	1	1	2	1	1	1	1	1	2	2	3	2
24	3	3	3	3	2	2	3	3	3	3	2	1	1	1	1	1	1	1	2	2	2	3	2	2	2
25	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
28	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
29	1	1	1	1	1	0	1	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1
30	1	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	1	1	1	2	1	1	1	2	1
31	1	1	1	1	1	1	2	3	3	3	1	0	0	0	0	0	0	1	1	2	2	2	2	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	0	0	1	1	2	2	1	3	1	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0

PERCENTAGE OF DATA VALID - 35

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	1
9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
10	1	1	1	1	1	1	1	1	1	2	1	1	0	0	1	1	2	2	2	2	2	1	1	2	1
11	1	1	1	1	1	1	3	6	5		1	1	1	2	2	2	2	2	1	1	1	1	1	1	2
12	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
14	0	1	0	0	0	0	1	1	1	2	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19																									
20																									
21																									
22	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2
23	1	1	1	2	3	3	3	2	2	2	3	4	2	2	4	2	2	2	1	1	1	1	1	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0
26	0	0	1	2	3	2	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	2	2	2	1
27	1	1	2	5	7	10	5	2	1	2	2	2	0	2	2	2	2	3	2	1	1	1	1	1	2
28	0	1	1	1	1	1	1	1	1	2	2	2	1	1	0	1	1	1	2	2	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	1	1	1	2	0
2	0	2	2	1	1	1	1	1	1	1	2	1	1	1	2	2	3	4	4	3	4	0	0	1	2
3	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	1	0
6	0	2	1	1	1	1	1	1	1	4	3	1	1	1	1	1	1	2	2	2	2	1	1	0	1
7	0	0	0	0	0	0	0	0	1	2	4	3	2	3	4	3	3	3	2	2	2	2	2	2	2
8	3	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	3	3	3	3	3	3	3	4
9	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
11	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	2	2	1	1	1	1	1
13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	1	1	2	2	2	2	2	2	1	1
17	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	4	3	1	1	1	1	1	1	1	2	2	2	4	4	2	2	2	3	3	2	2	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1
29	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	2	2	2	1	0
30	2	2	2	2	2	2	3	5	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	3	3	2	1	1	1	1
3	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5																									
6																									
7																									
8	1	0	0	0	0	0	0	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1
9	1	1	2	1	1	1	0	0	0	1	1	0	0	0	0	0	1	1	2	3	2	1	0	1	1
10	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
13	1	1	0	0	0	0	0	0	3	2	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0
14																									
15																									
16																									
17																									
18	0	0	0	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1
19	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	2	1	1	0	1	0	1
22	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	3	3	2	3	2	2	3	3	3	2
23	2	2	1	1	1	1	0	1	1	3	3	3	4	4	4	3	2	3	3	3	3	2	3	3	2
24	3	4	3	3	3	3	3	3	4	4	3	3	2	2	1	2	3	3	3	3	3	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	4	4	4	4	4	3	3	3
26	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	2	1	0	1	0	1	2	3
27	1	0	2	3	3	3	3	3	4	3	2	3	2	2	2	3	3	0	0	1	3	2	1	1	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29																									
30																									
31																									
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	20	1	2	6
FEB	20	2	5	7
MAR	31	1	2	4
APR	26	1	4	6
MAY	DATA MISSING			
JUN	10	1	2	5
JUL	6	1	1	2
AUG	29	1	2	5
SEP	14	0	1	4
OCT	25	1	2	10
NOV	30	1	4	5
DEC	23	1	3	4
YEAR	234	1	5	10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	368	44	3	0	0	0	415
FEB	143	221	64	0	0	0	428
MAR	637	77	3	0	0	0	717
APR	389	159	48	0	0	0	596
MAY	DATA MISSING						
JUN	114	28	6	0	0	0	148
JUL	114	16	0	0	0	0	130
AUG	521	116	2	0	0	0	639
SEP	236	18	3	0	0	0	257
OCT	412	111	10	1	0	0	534
NOV	541	109	25	0	0	0	675
DEC	349	120	17	0	0	0	486
YEAR	3824	1019	181	1	0	0	5025

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
62	0	0.1	0.4	0.7	0.9	2.0	2.8	3.7	4.3	10	1.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15	3	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	2	2	3	3	1
16	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	4	4	3	3	2
17	2	2	1	1	1	1	2	3	4	3	2	2	2	5	3	2	2	4	3	2	2	2	2	2	2
18	2	1	1	1	1	1	1	2	3	3	2	3	3	2	2	2	2	2	1	1	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	0
20	0	0	0	1	0	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	0	0	1
21	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	3	3	4	2	1	1	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28	1	1	1	1	1	1	2	4	4	4	3	3	2	2	2	3	3	2	2	2	2	2	2	2	2
29	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	2	2	2	2	1	2	2	2	2	1
30	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	3	2	3	2	2	2
31	2	2	2	2	2	2	2	2	4	4	0	0	0	0	0	1	2	5	3	3	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	3	2	2	2	2	2	1	1

PERCENTAGE OF DATA VALID - 38

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	1	1	2	3	2	1	1	1	1	1	1	1	2	2	2	2	2	3	2	1
2	1	1	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	3	2	2	1	1	
3	1	1	1	1	1	1	1	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	1	0	1
4																									
5																									
6	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	4	2	1
7	1	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	2	2	3	4	2	1
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	1	0	0	0	0	0	0	1	2	3	3	3	2	2	3	2	2	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1
17	2	2	2	2	1	1	1	1	2	3	1	2	1	1	2	1	1	2	1	2	1	1	1	0	1
18	0	1	0	0	0	0	1	1	1	1	2	2	1	1	1	1	2	2	1	2	2	1	1	1	1
19	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
20	0	1	1	1	0	0	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1
21	0	0	0	0	0	0	1	1	1	2	1	1	1	1	0	0	2	1	1	1	1	1	1	1	1
22	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
23	1	1	2	2	2	1	1	3	4	5	4	2	1	2	2	1	2	1	1	1	1	0	1	1	2
24	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	2	4	4	5	5	1
25	1	1	0	1	0	0	2	4	4	3	1	1	1	1	1	1	2	4	3	1	1	1	1	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
28	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	2	0	0	0	1	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	1	1
MEAN	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	2	2	1	1	0	0
4	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	1	0	0	0	0	0	1	0
5	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	5	4	3	3	6	1
7	4	2	0	0	0	0	0	0	1	1	0	0	1	0	1	2	3	2	2	4	5	2	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	
9	0	0	0	0	0	0	0	2	1	1	0	0	0	1	1	1	1	3	2	2	3	2	2	1	1
10	1	0	0	0	0	0	0	2	2	1	0	1	0	0	0	0	0	1	1	2	2	1	1	2	1
11	4	3	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
15	- DATA MISSING -																								
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	1	1	1	1	1	1	4	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
18	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
19	0	0	1	0	0	0	0	1	0	1	0	1	1	0	1	1	1	1	1	1	1	2	4	3	1
20	2	3	3	2	1	1	2	3	4	4	3	2	1	1	2	2	3	2	2	2	2	1	2	2	2
21	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	2	2	1	1	0	0	0	0	1
22	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	2	1	1	1	1	0	1	1	1	1
25	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0	0
26	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1
27	0	0	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	2	3	2	2	1	0
28	0	1	0	0	0	0	0	1	1	1	0	0	1	0	0	1	1	1	2	3	3	2	2	1	1
29	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	0	0	1
30	0	0	0	0	0	0	1	3	3	2	3	2	2	1	1	1	1	3	1	2	2	2	1	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0
MEAN	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	1	2	1	1	2	4	1	1
12	2	2	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	3	2	2	2	0	0	1
13	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	3	4	3	3	2	2	2
15	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
19	1	1	1	1	0	1	1	2	2	2	2	2	3	2	2	2	3	3	3	3	2	3	2	2	2
20	1	1	1	1	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	2	2	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1
23	1	1	1	1	0	0	0	0	0	0	1	1	1	1	3	2	1	1	1	1	1	1	1	2	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	2	1	1	0	1	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1
29	- DATA MISSING -																								
30	- DATA MISSING -																								
MEAN	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MACDONALD GDNS OTTAWA NO 51001

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21	1	1	1	1	1	1	2	3	2	2	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2
22	2	2	1	1	1	1	2	2	2	1	2	2	1	1	2	2	2	1	2	2	2	2	2	2	2
23	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28	1	1	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	1	2	4	2	2	1	1	2	2	2	4	5	3	3	4	3	2	2	2	2
30	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	1
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1

PERCENTAGE OF DATA VALID - 22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MACDONALD GDNS OTTAWA NO 51001

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	1	2	2	2	2	1	1	1	1
2	0	0	0	0	0	1	2	3	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1
3	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	3	4	5	6	8	6	4	3	3
4	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3
5	2	2	2	2	2	2	4	4	3	2	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
30												- DATA MISSING -													
31												- DATA MISSING -													
MEAN	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	3	3	3	4	3	2	2	2

PERCENTAGE OF DATA VALID - 14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
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19																									
20																									
21																									
22																									
23																									
24	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	4	2	2	2	2	2	2	3
25	3	3	2	2	2	2	2	3	3	3	3	4	4	3	4	4	4	4	4	4	4	3	3	3	3
26	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
27	2	2	2	3	3	3	3	3	4	3	3	3	3	3	4	4	4	5	4	3	3	3	3	3	3
28	3	3	2	2	2	2	3	4	4	4	3	3	3	4	4	4	5	5	4	3	2	2	2	2	3
29	1	1	1	1	1	1	1	2	2	2	1	2													
30																									
MEAN	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MACDONALD GDNS. OTTAWA

NO 51001

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	15	1	2	5
FEB	22	1	2	5
MAR	30	1	2	6
APR	28	1	2	6
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP	8	1	2	5
OCT	5	2	3	8
NOV	7	3	3	5
YEAR	115	1	3	8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	157	118	14	0	0	0	289
FEB	375	82	11	0	0	0	468
MAR	587	91	11	0	0	0	689
APR	479	80	5	0	0	0	564
MAY		DATA MISSING					
JUN		DATA MISSING					
JUL		DATA MISSING					
AUG		DATA MISSING					
SEP	90	69	4	0	0	0	163
OCT	35	61	11	0	0	0	107
NOV	8	108	28	0	0	0	144
YEAR	1731	609	84	0	0	0	2424

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
47	0	0.1	0.4	0.7	1.0	2.1	2.8	3.5	3.9	8	1.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	1	1	2	2	2	1
2	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0
3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0
4	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	1	2	1	0	1	0	0	0	0	1
5	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	0	0	1	1	0	0	1	2	2	2	4	4	1	1	1	1	1	1	2
7	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
9	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	4	10	16	19	17	16	8	4	4
11	1	1	1	1	1	1	2	4	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	3	2	0	0	0	0	0	0
13	0	0	0	0	0	0	2	6	2	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
20	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1
21	1	1	1	0	0	1	2	2	0	1	1	0	0	1	1	2	2	3	3	2	2	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	4	2	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	2	1	0	0	1	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	2	2	2	2	2	2	2	2	2	1
27	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	4	4	3	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	3	5	4	4	3	3	3	2	3
2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	2	3	5	5	2	1
7	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	2	1	1	1	0	0	0	0
8	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
9	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	4	2	3	2	1
10	2	1	1	1	1	1	1	2	3	1	1	2	1	1	1	2	2	2	2	3	2	1	1	1	2
11	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	1	2	3	2	1	1	1	1	1	1
12	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	1
13	2	2	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	1	2	1	1	1	1	0	2
14	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	0	0	0	1	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
17	1	2	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	1	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	2	0	1	1	1	1	0	0	1	0	1	1	0	1	1	1	1
24	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
25	2	3	2	2	2	2	2	3	4	4	3	3	2	2	2	3	3	3	3	2	2	2	2	2	3
26	1	1	1	2	2	1	2	1	1	1	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	2	1	1	1	1	1	1
28	2	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	1	1	1
MEAN	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MEMORIAL PK. CORNWALL

NO 56051

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	1	1	1	1	2	1	1	1	0.00	0.00	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	1	1	1	1	1	0.00
21	0	0	0	0	0	0	0	1	0.00	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
23	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1
28	1	1	1	1	1	1	1	2	2	1	0	1	0	0	1	1	1	1	1	1	1	1	0	0	1
29	0	0	0	0	0	1	1	1	1	1	0.00	0.00	2	2	2	2	2	2	1	1	1	1	1	1	1
30	1	2	2	2	2	2	2	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	3	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	3	5	4	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 40

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MEMORIAL PK. CORNWALL

NO 56051

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	1	2	2	2	2	1	1	2	1	1	2	1	1	1	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	0	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.00	1	0	0	0	0	0	0	0	1
5	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
6	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
10	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	0	0	0	0	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	1
12	1	1	1	1	1	1	2	2	2	1	1	2	2	2	1	0.00	1	1	3	4	5	3	2	1	2
13	1	1	1	0	0	0	1	1	2	1	2	2	2	3	2	2	2	2	1	2	2	2	2	2	2
14	1	1	1	1	2	2	1	2	2	2	1	1	1	1	1	1	1	1	3	6	4	3	2	3	2
15	2	3	2	1	1	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
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25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1

PERCENTAGE OF DATA VALID - 47

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18												1	1	1	1	1	1	2	2	2	2	3	2	1	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	1	1	1
20	2	2	2	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1
21	1	0	0	0	0	0	0	1	1	1	1	0	1	3	2	2	2	2	2	3	2	2	1	1	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	3	2	1	1
23	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	3	3	3	3	3	2	2	2	1	1
24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	0	1	1
25	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
26	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	4	6	7	5	6	5	5	5	4	3
27	4	4	3	2	2	2	2	2	3	3	3	4	5	5	5	6	7	6	6	6	6	5	5	5	4
28	5	4	4	4	4	4	4	4	4	4	4	5	4	5	5	6	6	6	6	6	6	5	5	5	5
29	5	5	5	4	5	5	5	4	4	4	4	5	4	4	5	5	5	6	6	6	6	5	5	5	5
30	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4
31	3	3	3	2	2	3	3	3																	
MEAN	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2

PERCENTAGE OF DATA VALID - 41

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20										2	2	2	2	3	3	3	3	3	2	2	2	2	1	1	0.000
21	1	1	1	1	1	1	1	1	2	3	2	2	2	3	3	3	3	3	3	4	3	4	3	2	2
22	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	1	1	1	1
23	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
24	0	1	0	0	0	1	1	1	0	1	1	1	1	1	2	1	1	1	1	1	1	2	1	0	1
25	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0
26	1	0	1	0	0	1	1	1	2	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	3
27	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	6	6	6	6	6	6	5	5	5
28	5	5	5	4	4	4	4	4	4	4	4	3	2	1	1	1	1	2	2	2	2	4	3	3	3
29	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1
30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	2	1	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2	2	1	1	1	0	1
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 37

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MEMORIAL PK, CORNWALL

NO 56051

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	1	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1
4	1	1	1	2	2	3	3	2	2	2	1	1	0	0	0	0	0	0	1	1	1	1	2	2	1
5	1	1	1	2	2	2	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
8	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1	1	1
10	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1	1	1
11	2	1	1	2	2	2	2	1	1	0	0	1	1	0	1	1	1	1	1	1	0	0	1	0	1
12	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1
13	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	2	1	1
14	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
15	2	2	2	2	2	3	3	2	1	0	0	0	1	1	1	0	1	1	1	2	2	2	2	2	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	1	2	1	3	2	1	1
19	1	0	1	1	0	1	0	1	0	1	0	1	1	1	0	0	1	1	1	2	1	1	1	1	1
20	1	1	2	2	2	2	2	1	0	1	1	0	0	0	0	0	0	1	2	2	2	1	1	1	1
21	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1
22	0	0	0	0	0	1	1	1	1	0	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1
23	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
24	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
25	2	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1
26	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
27	1	1	1	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	2	1	1	1	1	1	1
30	0	0	0	1	0	1	0	1	0	1	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0
31	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MEMORIAL PK, CORNWALL

NO 56051

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	2	1	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1	1	1	1
2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2	1	1	0	1	1	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	1	1	1	2	1	0	0	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0
5	0	0	0	1	1	2	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	1	2	1	0	0	0	0	0	0	1	0	0	1	2	6	4	1	1	1	1
7	1	1	1	2	2	1	1	1	0	0	0	1	1	1	1	1	1	2	2	2	2	1	1	1	1
8	1	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
9	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
10	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
11																									
12																									
13																									
14																									
15																									
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
17	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0
19	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
20	1	1	1	1	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
21	2	2	1	1	1	2	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1
23	1	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	3	1	0
24	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1	1	1	1
26	0	0	1	0	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
28	1	1	1	1	0	1	1	2	1	1	1	1	0	0	0	1	1	2	3	3	3	2	2	2	1
29	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MEMORIAL PK, CORNWALL

NO 56051

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	2	3	2	1	1	1	1	1
2	0	1	1	1	1	2	2	2	2	5	2	1	1	0	0	0	1	1	2	1	1	0	0	1	1
3	2	2	1	1	1	1	2	7	5	1	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1
4	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	5	2	2
5	0	0	0	0	1	1	2	7	4	1	1	1	1	1	1	2	2	3	3	4	6	7	5	2	2
6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	4	3	2	2	2	2	2	2
7	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
11	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1	1
12	1	1	1	1	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1
13	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0
20	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
23	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0	0	1
24	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
27	0	0	0	0	0	1	3	3	1	0	0	0	1	0	1	4	6	8	7	11	15	14	14	4	4
28	11	6	3	2	1	1	2	3	4	4	4	3	3	2	1	1	1	1	2	1	1	2	3	2	3
29	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0
MEAN	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - MEMORIAL PK, CORNWALL

NO 56051

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	3	1
2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	2	
3	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	3	2	2	2	1	1	1	1	2	
4	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	
5	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	0	0	0	0	0	
6	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	2	2	3	2	2	2	1	1	2	1	
7	2	1	1	1	0	0	0	0	0	1	1	2	3	1	1	0	1	1	2	2	2	2	2	1	1	
8	2	1	1	1	1	1	0	1	1	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	1	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	0	1	
10	1	1	1	1	0	0	0	1	1	0	1	1	1	1	2	1	1	2	1	1	1	0	0	1	1	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	- DATA MISSING -																									
13	- DATA MISSING -																									
14	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	1	1	
16	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	
17	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	3	4	3	3	3	3	2	3	3	2	
18	2	2	2	3	2	2	3	4	3	3	2	2	2	1	1	1	2	1	1	2	2	1	2	2	1	
19	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
21	- DATA MISSING -																									
22	- DATA MISSING -																									
23	- DATA MISSING -																									
24	- DATA MISSING -																									
25	- DATA MISSING -																									
26	- DATA MISSING -																									
27	- DATA MISSING -																									
28	- DATA MISSING -																									
29	- DATA MISSING -																									
30	- DATA MISSING -																									
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MEMORIAL PK. CORNWALL

NO 56051

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1	4	19
FEB	29	1	3	5
MAR	14	1	2	5
APR	15	1	2	6
MAY	14	2	5	7
JUN		DATA MISSING		
JUL	12	2	5	6
AUG	31	1	2	4
SEP	26	1	1	6
OCT	31	1	4	15
NOV	19	1	2	4
DEC		DATA MISSING		
YEAR	222	1	5	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - MEMORIAL PK. CORNWALL

NO 56051

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	562	155	12	2	4	0	735
FEB	562	120	9	0	0	0	691
MAR	249	51	2	0	0	0	302
APR	245	91	4	0	0	0	340
MAY	148	67	93	0	0	0	308
JUN	DATA MISSING						
JUL	170	55	53	0	0	0	278
AUG	594	107	1	0	0	0	702
SEP	505	49	3	0	0	0	557
OCT	629	63	17	5	0	0	714
NOV	297	121	2	0	0	0	420
DEC	DATA MISSING						
YEAR	3961	879	196	7	4	0	5047

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
68	0	0.1	0.4	0.6	0.9	1.8	2.7	4.0	4.9	19	1.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
3	1	2	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
4	1	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1	2	2	1	2	2	1	2	1
5	2	2	2	2	2	2	3	5	6	4	3	2	2	2	2	2	3	4	3	2	2	2	2	2	3
6	3	3	2	2	2	2	4	7	9	6	3	2	2	2	2	2	2	4	3	2	2	2	2	2	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	4	4	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	2	3	5	4	2	2	2	2	2	3	2	2	2	2	2	2
11	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	DATA MISSING												DATA MISSING												
13	DATA MISSING												DATA MISSING												
14	DATA MISSING												DATA MISSING												
15	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0
17	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1	0	1
19	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	3	4	4	3	4	4	2	2	3	4	4	4	4	3	4	4	4	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	1	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	3	3	3	3	3	2	2	1	1	1	1	1	1	1	2	1	1	1	2
MEAN	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	3	4	5	4	3	2	2	2
2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	3	2	2	1	1	1	1	1
3	2	2	1	1	1	1	2	2	2	2	1	1	2	2	2	2	3	3	2	2	2	2	2	2	2
4	2	2	2	2	2	1	1	1	1	0	0	0	2	1	1	1	0	1	0	0	0	0	0	1	1
5	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1
9	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	1	1
10	2	2	2	2	2	1	1	2	3	5	3	2	1	1	1	2	2	1	2	2	1	1	1	1	2
11	DATA MISSING												DATA MISSING												
12	DATA MISSING												DATA MISSING												
13	DATA MISSING												DATA MISSING												
14	DATA MISSING												DATA MISSING												
15	3	3	4	3	4	4	3	3	3	3	3	2	2	2	2	3	3	4	3	3	3	3	3	3	3
16	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	3	2	2	1	1	1	1	1
17	4	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	3	2	2	2	2	2	2	2
18	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	3	3	5	3	3	2	2	2	2	2
19	2	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
20	DATA MISSING												DATA MISSING												
21	0	0	0	0	0	0	0	1	2	3	2	2	1	1	2	2	2	2	2	1	0	0	1	3	1
22	2	0	1	0	0	0	1	1	2	2	2	2	2	2	2	2	2	0	1	2	2	0	1	1	1
23	1	1	1	1	1	1	3	4	6	4	1	1	2	2	2	2	3	2	1	1	1	1	1	1	2
24	2	2	2	2	2	1	1	3	3	3	1	1	2	2	1	1	2	4	5	6	10	9	8	7	3
25	12	11	12	10	8	5	4	6	9	6	5	3	3	2	2	2	2	4	4	3	3	3	2	3	5
26	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1
28	2	2	2	2	1	1	1	1	1	1	1	2	2	1	2	2	2	3	3	2	2	2	3	2	2
29	2	2	2	2	1	1	1	2	1	1	1	1	2	3	2	1	1	1	1	2	2	1	1	1	1
MEAN	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2	2	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
3	4	5	4	3	2	2	2	3	3	2	2	1	2	2	2	2	2	3	4	5	7	5	4	3	3
4	3	3	2	2	1	1	1	2	2	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2
5	2	2	1	1	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	1
7	1	1	1	0	0	0	1	1	2	1	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	1	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	0
12	2	2	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0
14	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2	2	2	1	1	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
19	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	1	0	0	0	0	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1
21	1	1	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	2	1	2	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
29	3	2	2	2	2	2	2	2	3	2	2	2	2	1	2	2	2	3	3	2	2	2	2	2	2
30	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	2	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
3	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2	1	2	2	2	2	1	1	1	1
12	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	2	3	3	2
13	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	0	1	1	1	2	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2	2	2	3	5	6	5	5	4	2
15	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
16	- DATA MISSING -															2	2	4	4	4	4	3	3	4	0
17	- DATA MISSING -															2	2	4	4	4	4	3	3	4	0
18	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	4	5	4	4	4	3	2	2	2	3
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
20	3	3	3	3	2	2	3	3	3	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	0	0	1	1	2	3	3	2	2	2	2	3	2
22	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3
23	3	4	3	3	3	3	3	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3
24	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
25	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	2	2	2	2	2	2	2	2
28	2	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1
29	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	3
30	4	4	5	4	3	3	3	3	2	2	2	2	2	2	4	4	5	6	6	6	5	5	5	5	4
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS PER MILLION																
	STATION - ASH ST WATER TANK SUDBURY											NO 77016																
												MONTH MAY 72																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	5	5	5	5	4	3	3	2	2	2	1	2	2	2	2	3	3	3	2	2	2	2	3	3	3			
2	3	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	2			
3	1	1	1	1	1	2	3	4	3	2	2	6	3	2	2	1	1	1	1	1	1	1	1	1	2			
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1			
5	2	1	1	2	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	3	4	3			
6	5	4	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	1	1	1	1	1	3			
7	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	3	4	4	3	3	1			
8	4	3	3	3	3	3	3	4	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3			
9	3	3	3	2	2	2	2	2	1	2	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2			
10	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	2	2	2	2	2	2	3	3	3	2			
11	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2			
12	3	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	3	4	4	5	5	5	5	5	3			
13	5	5	5	5	4	4	4	4	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	4			
14	5	5	5	5	5	5	5	5	5	5	5	4	4	4	5	5	5	5	5	5	5	7	8	8	5			
15	8	6	5	5	5	4	4	4	3	3	3	4	4	5	5	5	6	5	5	5	5	5	5	5	5			
16	4	5	5	4	4	4	5	4	3	3	2	3	3	3	3	3	3	3	3	3	4	4	3	3	4			
17	3	3	3	3	2	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	2	3	2			
18	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2			
19	2	2	2	2	2	2	2	3	1	1	1	2	2	4	3	3	3	2	3	3	3	3	4	4	3			
20	4	4	4	3	4	4	4	3	3	2	2	2	2	2	2	2	3	3	2	2	2	3	3	4	3			
21	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3			
22	3	3	3	3	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3			
23	3	3	3	3	3	3	3	3	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2			
24	4	3	3	3	3	3	3	3	3	3	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2			
25	2	2	2	2	2	2	2	3	1	1	1	1	2	1	1	1	2	1	1	2	2	2	2	2	2			
26	3	3	2	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2			
27	3	3	3	3	3	4	4	4	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2			
28	2	2	2	2	3	3	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2			
29	2	2	2	2	2	3	3	3	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1			
30	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
31	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0			
MEAN	3	3	3	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2			
PERCENTAGE OF DATA VALID -					98																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE										UNITS - PARTS PER MILLION															
STATION - ASH ST WATER TANK SUDBURY										NO 77016															
										MONTH JUN 72															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	2	1	1	1	2	1	1	1	2
4	2	2	2	2	2	2	2	2	2	1	2	1	2	2	1	1	1	1	1	0	0	0	0	0	1
5	0	0	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	2	2	2	2	1	2	1	0	0	0	1	1	1	1	1	1	1	0	1	0	0	0	1
7	2	3	1	1	1	1	1	2	2	2	1	0	1	1	1	1	1	1	0	0	0	0	0	0	1
8	1	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	2	3	3	4	3	3	3	3	3
9	3	3	3	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2	1	1	1	1	2
10	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	3	2	2	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1
12	2	2	2	1	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	0	1	1
14	1	1	1	1	0	1	2	3	3	2	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1
15	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	2	1	1	1	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1
17	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	2	2	2	2	3	2	1	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1
19	4	4	2	3	2	3	3	3	2	2	2	1	2	2	2	2	2	2	2	1	1	2	2	2	2
20	3	3	2	2	2	3	3	3	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2
21	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1
23	1	1	1	1	1	1	1	1	1	1	0	0	1	1	3	3	3	3	2	3	2	2	2	2	2
24	3	2	2	1	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2
25	2	3	2	2	2	2	2	2	2	2	1	2	3	2	2	2	2	2	3	2	3	2	2	1	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	- DATA MISSING -																								
28	2	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	3	2	2	2	2	3	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
30	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	1	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
PERCENTAGE OF DATA VALID -					88																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	5	5	5	5	5	5	4	4	3	3	2	3	3	3	3	3	3	4	3	3	3	3	3
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	4	5	5	5	5	5	5	5	4	4	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	1	0	1	1	2	2	2	1	2	2	2	2	1	1	2	1	0	0	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	1	1	1	1	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	1	1	1	2	2	2	2	2
11	2	2	2	3	3	3	3	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
12	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	3	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1	2	2	2	2	2	1	2
15	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	2
16	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2

PERCENTAGE OF DATA VALID - 54

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	1	3	9
FEB	27	2	5	12
MAR	31	1	3	7
APR	29	2	4	6
MAY	31	2	5	8
JUN	29	1	3	4
JUL	29	3	5	9
AUG	18	2	4	5
SEP		DATA MISSING		
YEAR	223	2	5	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	405	197	28	1	0	0	631
FEB	301	253	30	7	0	0	591
MAR	545	156	12	0	0	0	713
APR	285	339	49	0	0	0	673
MAY	193	419	123	0	0	0	735
JUN	361	271	6	0	0	0	638
JUL	60	394	165	1	0	0	620
AUG	85	265	53	0	0	0	403
SEP	DATA MISSING						
YEAR	2235	2294	466	9	0	0	5004

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.2	0.7	1.2	1.8	3.0	3.8	4.8	5.4	12	1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	15	15	16	16	16	17	17	16	15	15	15	15	16	17	19	19	19	18	17	18	17	19	17
2	20	20	15	16	17	16	17	19	17	17	16	15	15	15	15	15	16	18	21	21	18	18	19	19	17
3	18	18	17	17	19	21	23	***	***	***	***	***	***	***	21	23	23	21	16	15	12	12	13	13	18
4	13	13	11	10	11	11	12	12	14	***	17	21	22	20	19	19	18	20	17	17	17	17	16	15	16
5	15	15	13	13	13	15	17	18	20	20	22	21	21	21	20	20	23	21	18	18	23	23	20	18	19
6	16	15	17	13	13	13	13	15	17	19	17	***	16	18	18	18	19	15	18	17	17	16	14	13	16
7	13	13	13	13	15	15	18	19	20	16	18	18	18	18	18	19	19	20	20	20	20	23	23	22	18
8	27	31	35	31	27	24	23	23	23	21	19	19	18	18	17	17	17	17	17	18	17	17	16	15	21
9	14	15	15	16	15	15	13	13	***	13	14	15	15	17	15	16	17	17	17	17	17	25	25	24	17
10	25	25	21	21	22	19	19	22	25	21	22	23	20	21	20	20	21	23	23	27	29	25	25	25	23
11	22	21	20	20	20	20	21	23	26	22	24	25	21	19	19	19	19	19	23	29	24	23	25	24	22
12	22	22	19	21	23	23	23	24	25	***	17	18	14	14	***	***	19	17	15	15	17	17	15	19	
13	14	15	17	17	17	22	24	19	***	***	18	20	20	21	20	21	22	22	19	***	***	21	22	22	20
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	13	15	20	18	16	15	13	13	13	12	***
15	11	11	9	9	8	8	8	8	9	9	9	10	11	11	10	10	10	9	9	9	9	9	9	9	9
16	10	10	10	10	12	12	15	17	15	15	14	10	10	10	8	7	8	9	8	8	8	7	7	6	10
17	7	6	5	5	5	5	5	5	7	11	***	17	18	16	17	17	17	16	17	16	16	16	15	17	12
18	16	15	15	15	13	13	12	13	14	15	17	23	17	18	17	18	21	17	16	15	13	13	13	14	16
19	13	14	15	14	14	15	16	18	20	20	21	23	21	22	25	28	27	25	25	25	24	24	25	25	21
20	25	23	20	19	18	18	19	19	21	21	21	23	29	30	27	25	25	25	25	23	23	22	23	21	23
21	21	19	18	17	18	19	21	21	22	18	***	15	15	14	15	16	18	17	15	13	13	13	13	13	17
22	11	11	10	10	9	9	11	10	11	11	12	13	13	11	10	10	11	10	9	9	10	9	10	9	10
23	9	10	11	11	11	12	11	11	11	13	12	12	14	13	15	15	17	17	17	16	17	17	17	15	14
24	13	14	13	15	16	15	15	15	19	17	22	22	17	17	16	16	17	16	13	***	***	***	***	***	16
25	***	***	***	***	***	***	***	***	***	16	18	17	17	18	17	18	20	19	17	17	17	17	17	17	***
26	16	16	16	15	15	15	17	18	19	20	21	22	21	23	22	20	22	21	19	18	17	16	15	15	18
27	13	14	14	14	14	14	16	19	23	23	24	***	20	17	17	18	15	13	13	11	12	11	11	11	16
28	11	10	13	13	11	11	10	13	13	13	13	13	***	18	18	20	21	20	19	18	17	18	18	18	15
29	17	20	20	20	19	21	21	19	19	19	19	17	18	17	16	17	15	16	15	15	14	15	15	15	17
30	14	15	14	14	13	14	14	14	13	15	***	***	13	13	14	15	13	13	13	12	13	12	12	12	13
31	***	***	***	***	***	***	***	***	***	***	***	***	18	17	17	15	16	19	23	27	23	22	27	25	24
MEAN	16	16	15	15	15	15	16	16	17	17	18	18	17	17	17	18	19	18	17	17	17	17	17	16	17
PERCENTAGE OF DATA VALID -	91																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	15	15	15	15	15	17	19	22	22	22	21	18	16	16	21	23	21	21	18	17	17	17	18
2	16	17	16	16	15	15	15	***	18	19	23	27	27	29	30	29	31	29	26	25	21	20	20	19	22
3	17	15	13	13	14	15	16	17	21	28	25	24	25	***	***	33	39	40	36	35	35	32	30	29	25
4	27	28	***	23	22	21	21	21	21	20	22	23	21	20	20	18	21	17	16	15	15	15	14	20	
5	15	16	14	13	13	13	15	17	18	19	17	16	16	14	14	13	13	12	13	14	17	15	13	12	15
6	12	12	13	13	13	13	13	15	15	15	17	15	14	16	15	15	16	14	14	14	14	14	14	14	14
7	13	13	13	13	13	13	15	16	19	18	19	19	15	17	17	18	24	21	20	21	18	17	17	17	17
8	16	16	15	15	19	21	16	28	24	29	25	39	28	21	19	19	27	21	21	20	19	19	19	20	22
9	18	18	17	16	15	15	18	19	25	31	24	25	23	21	20	19	27	21	21	23	24	26	29	32	22
10	31	29	43	35	30	34	44	66	72	55	34	31	21	15	18	18	43	19	21	20	19	21	19	20	32
11	20	23	27	23	27	27	27	29	35	30	27	***	16	16	19	17	18	14	13	14	13	15	16	15	21
12	15	15	15	13	12	12	12	15	18	17	18	17	17	18	19	20	18	21	24	25	23	21	25	31	18
13	25	25	23	25	25	29	29	29	27	26	25	23	24	23	23	22	21	19	19	19	17	17	18	18	23
14	19	18	18	17	17	17	18	19	22	21	16	15	15	15	12	11	11	13	14	12	11	11	13	12	15
15	13	17	15	21	18	15	15	17	21	21	21	21	21	20	20	21	23	19	17	15	13	11	12	13	18
16	13	13	13	13	13	12	13	17	19	22	26	29	34	31	29	23	19	15	12	11	13	13	15	16	18
17	15	14	14	13	13	15	16	19	23	25	18	18	17	17	17	19	21	22	21	19	15	10	9	10	17
18	10	10	10	11	14	16	14	17	16	***	17	17	15	17	18	18	21	17	17	19	19	21	21	19	16
19	18	20	19	16	16	16	15	16	17	17	17	17	16	16	16	16	15	15	15	15	15	14	13	13	16
20	13	13	14	15	15	15	15	15	16	17	17	21	23	23	24	23	23	23	23	22	19	22	19	12	18
21	12	12	11	12	13	13	15	18	19	17	26	32	35	30	27	21	22	27	22	20	20	19	19	19	20
22	17	18	18	19	20	20	22	22	23	21	23	21	19	22	20	25	27	23	23	21	19	18	19	19	21
23	21	18	19	15	14	16	17	17	19	17	18	15	15	17	16	24	23	24	19	29	23	19	21	23	19
24	19	21	23	21	21	23	23	27	28	25	25	24	27	39	41	37	35	31	29	28	26	24	24	23	27
25	25	25	23	56	25	25	24	31	45	19	19	20	19	23	25	25	39	26	24	21	20	20	19	21	26
26	22	21	22	22	20	20	20	24	21	19	17	15	15	14	13	13	13	14	13	15	17	23	27	25	19
27	27	20	25	25	23	19	14	14	14	15	13	15	11	9	9	9	9	10	10	10	11	***	***	***	15
28	***	***	***	***	***	***	***	***	***	***	***	***	16	16	13	13	16	24	30	30	31	29	28	35	31
29	33	23	17	17	15	19	20	24	34	29	34	21	10	13	15	17	21	19	20	21	19	19	21	25	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION														
		STATION - 471 UNIVERSITY WINDSOR OAMST										MONTH MAR 72														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		25	24	17	15	16	16	20	25	40	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
2														-	DATA MISSING	-										
3														-	DATA MISSING	-										
4														-	DATA MISSING	-										
5														-	DATA MISSING	-										
6														-	DATA MISSING	-										
7																										
8		18	18	17	17	18	19	20	21	23	23	21	22	19	19	19	20	21	21	21	21	21	21	21	21	20
9		21	21	23	23	23	21	21	21	23	22	23	24	26	25	23	27	43	37	25	26	23	23	23	27	25
10		25	27	25	23	23	24	26	29	32	28	26	36	23	22	21	19	15	12	11	10	9	9	9	9	21
11		9	9	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
12																										
13		19	18	18	18	18	19	19	21	22	21	21	25	25	25	25	25	25	25	25	23	23	23	23	23	22
14		22	21	19	19	17	14	15	15	15	22	23	23	23	37	41	41	47	31	30	31	33	30	25	23	26
15		23	21	21	21	21	21	22	23	41	28	22	22	22	44			49	33	28	29	27	32	37	37	28
16		34	29	29	27	32	33	36	39	44	37	55	57	50	50	49	51	61	73	81	81	80	78	63	51	51
17		49	44	43	41	40	40	41	41	45	51															
18																										
19																										
20																										
21																										
22																										
23																										
24																										
25		24	25	23	34	25	25	24	24	21	21	23	24	25	25	25	24	25	26	25	24	25	24	25	23	25
26		21	20	22	24	25	37	35	29	25	23	23	23	23	24	24	24	24	27	24	24	25	25	25	25	25
27		25	15	15	15	15	15	17	19	22	19	19	21	18	18	16	16	15	15	15	16	13	13	14	15	17
28		15	15	16	15	14	14	15	15	19	35	30	48	41	31	31	37	53	53	48	43	38	35	33	33	30
29		29	27	23	22	21	18	19	19	20	21	21	19	22	19	17	20	22	21	17	14	11	11	9	9	19
30		9	8	8	10	10	9	10	10	13	14	13	15	11	11	17	15	17	17	19	21	21	21	22	22	14
31		20	21	21	21	21	25	24	21	18	15	14	14	13	13	13	12	12	13	13	15	17	17	19	19	17
MEAN		23	21	21	22	21	22	23	23	26	25	23	26	24	25	24	25	30	28	27	26	26	25	24	23	24
PERCENTAGE OF DATA VALID -		51																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION															
STATION - 471 UNIVERSITY WINDSOR OAMST										MONTH APR 72															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	21	21	19	18	19	20	17	15	17	17	17	18	18	18	19	19	19	21	21	21	21	21	19
2	21	21	21	21	22	22	22	22	21	20	21	21	21	21	21	21	21	21	21	21	22	22	22	22	21
3	22	23	23	23	23	23	25	26	25	25	25	22	21	20	19	19	19	18	18	19	19	21	21	25	22
4	27	24	25	24	23	21	21	21	23	24	25	23	23	20	17	17	17	17	17	17	18	20	23	19	21
5	17	15	12	12	13	13	14	14	15	17	17	15	15	17	17	17	20	21	21	21	21	21	20	21	17
6	21	22	21	19	17	16	16	19	23	19	21	19	17	17	17	18	19	17	17	17	17	17	16	16	18
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8	19	18	18	18	18	18	18	17	17	18	18	19	18	18	18	18	19	19	19	20	21	22	23	24	19
9	23	21	20	21	19	23	26	25	19	17	19	19	15	14	13	13	13	13	13	14	14	14	15	15	17
10	15	15	17	17	15	16	17	17	20	21	23	25	19	16	14	13	14	10	10	11	11	13	13	17	17
11	25	35	32	24	23	22	25	26	25	23	31	32	15	15	14	16	18	12	14	13	13	13	14	15	21
12	15	15	14	14	14	13	14	14	15	15	15	14	14	14	14	14	15	15	13	13	13	13	12	11	14
13	11	11	10	12	13	15	12	13	14	11	12	12	12	11	13	15	15	18	18	17	17	16	17	17	14
14	17	17	17	17	17	18	18	18	23	21	22	22	22	22	22	21	23								20
15																									
16	16	14	14	13	13	13	13	11	11	12	12	12	11	12	13	13	13	12	11	12	11	11	11	13	12
17	13	13	13	14	15	18	22	25	23	22	22	18	18	16	17	19	19	17	16	17	13	15	15	13	17
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19	26	25	37	29	17	14	17	21	34	26	16	14	16	15	15	19	19	19	21	23	22	20	21	20	21
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21	19	17	19	20	21	23	23	21	22		16	15	15	15	15	15	15	15	13	13	12	12	11	10	16
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26	47	52	51	26	28	28	29	31	30		28	25	20	18	17	17	18	22	21	19	19	20	20	21	26
27	21	21	22	23	23	25	25	24	24	19	19	18	19	18	17	19	22	20	22	23	23	30	33	22	
28	43	43	45	48	36	31	33	32	35		24	23	19	17	15	13	13	12	14	17	17	18	20	22	26
29	22	29	35	33	33	31	24	24	27	26	26	24	23	21	13	13	17	18	16	16	17	17	15	15	22
30	15	17	17	18	19	19	19	19	19	21	20	13	13	13	13	13	13	15	14	14	14	14	17	15	16
MEAN	20	20	21	20	19	20	20	20	21	20	21	20	18	17	16	17	18	17	17	17	17	18	18	19	19
PERCENTAGE OF DATA VALID -					98																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	16	15	13	17	17	19	17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	20	13	11	10	11	13	18	16	16
2	17	18	17	13	13	13	13	17	18	19	19	19	17	17	19	23	22	22	22	20	19	19	23	19	18
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6	11	11	12	12	12	14	13	13	13	14	15	15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	- DATA MISSING -																								
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23	21	16	13	9	9	8	7	0.000
9	6	6	6	6	5	5	5	7	7	8	9	11	15	15	15	15	15	13	12	12	12	13	13	15	10
10	18	19	18	17	19	19	21	20	19	19	17	17	0.000	0.000	0.000	0.000	16	15	14	12	12	14	18	17	17
11	17	22	17	17	21	23	20	18	18	17	17	17	19	17	19	22	19	17	16	15	17	14	14	16	18
12	17	17	18	17	15	15	17	17	0.000	19	21	23	20	19	21	21	17	15	15	16	15	17	18	17	18
13	16	16	15	14	15	15	15	15	17	14	12	11	11	10	10	10	11	10	9	8	7	7	7	7	12
14	8	8	9	8	7	7	7	7	7	7	7	7	7	7	7	7	8	11	11	15	13	13	15	11	9
15	9	9	7	9	11	8	11	13	0.000	13	14	14	15	15	15	17	17	17	17	18	20	22	21	21	14
16	19	19	19	18	20	19	19	20	20	21	20	21	23	23	23	23	23	23	24	22	22	25	25	26	22
17	25	29	35	33	29	28	29	32	25	25	0.000	23	21	19	19	18	14	12	9	8	9	10	13	15	21
18	17	17	20	24	29	25	28	35	43	26	33	26	26	29	29	27	23	20	18	17	17	15	13	11	24
19	11	13	15	15	15	15	23	21	21	19	21	23	25	25	25	22	20	18	17	19	18	17	19	21	19
20	21	19	17	17	17	19	21	21	17	17	17	17	18	17	17	16	15	14	16	14	11	12	14	14	17
21	21	17	24	19	26	23	21	19	19	19	19	21	19	20	17	17	15	15	16	18	20	20	18	17	19
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23	19	17	17	17	17	18	18	20	18	23	22	15	15	15	13	14	13	14	14	16	19	21	20	20	17
24	19	17	19	29	25	35	41	48	45	29	27	24	19	17	17	17	23	18	16	17	18	17	16	17	24
25	17	17	17	16	17	18	21	23	15	15	15	15	15	16	15	14	14	13	13	15	13	12	12	11	15
26	9	11	12	14	12	13	15	15	13	11	11	13	0.000	17	17	18	15	13	13	13	13	13	11	15	13
27	11	11	12	12	12	13	13	13	13	13	13	14	15	15	15	13	12	12	12	12	13	12	13	17	13
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31	8	8	7	7	7	7	9	11	13	17	17	17	17	16	17	18	17	14	11	13	12	11	12	12	12
MEAN	16	16	16	15	16	17	18	20	18	17	17	17	17	17	17	17	16	15	14	14	14	14	15	15	16

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
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3	22	19	21	21	22	25	26	23	23	21	21	22	22	21	19	19	19	19	21	19	19	21	25	21		
4	26	23	20	20	19	19	19	19	18	19	20	20	20	20	21	20	21	21	21	22	22	22	22	22		
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7	33	37	33	29	31	27	28	29	27	28	27	25	25	26	27	23	21	21	20	22	24	27	28	27	27	
8	28	24	25	25	21	21	25	27	29	27	23	22	21	24	23	22	21	21	20	22	23	21	20	19	23	
9	18	17	18	23	21	20	21	24	0.000	29	25	24	23	23	22	23	22	21	21	19	18	16	17	18	21	
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11	19	25	28	29	23	21	21	21	21	21	22	21	20	20	20	19	20	21	19	21	19	21	23	21		
12	21	21	19	18	17	17	17	19	22	21	22	21	23	23	27	30	23	23	25	21	22	22	22	21	22	
13	20	19	19	21	23	32	25	31	0.000	25	21	21	23	21	23	21	21	21	22	21	21	19	22	22		
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18	21	21	25	25	25	22	21	21	21	19	16	16	22	23	22	21	21	19	19	28	28	27	31	29	23	
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20	15	15	13	13	12	12	12	13	13	11	13	11	13	12	12	11	9	9	9	9	14	20	25	13		
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26	23	20	21	21	21	21	23	25	25	25	26	26	25	25	25	25	24	22	20	21	20	20	24	23	23	
27	27	31	35	33	29	32	32	39	35	28	24	21	19	19	19	18	17	15	15	21	20	19	19	21	25	
28	26	31	25	27	27	25	24	26	23	23	21	21	21	21	21	23	21	19	19	21	19	18	17	16	22	
29	21	19	18	17	19	19	25	25	27	23	21	22	23	22	22	20	19	21	22	22	24	21	21	18	21	
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MEAN	21	21	20	20	20	20	22	22	21	21	21	20	21	21	21	22	20	20	19	20	21	20	20	21	21	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													MEAN
	STATION - 471 UNIVERSITY WINDSOR OAMST												NO 12008													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
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2	23	25	23	27	23	21	25	19	20	17	6	16	23	21	21	21	21	21	22	19	19	19	20	17	21	
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7	20	19	19	19	18	19	21	23	22	22	22	22	18	17	21	19	17	17	15	16	16	15	15	17	18	
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17	29	31	29	31	40	47	45	49	33	27	23	23	21	19	17	18	17	17	15	16	17	17	17	17	26	
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31	21	27	31	30	39	59	59	47	26	33	31	28	26	24	23	22	22	22	23	25	24	24	29	35	31	
MEAN	26	25	24	24	26	28	28	27	23	22	21	21	22	21	21	21	20	20	20	20	21	22	22	24	23	
PERCENTAGE OF DATA VALID -	81																									

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION												
STATION - 471 UNIVERSITY WINDSOR OAMST													NO 12008												
MONTH AUG													72												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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2	27	27	29	35	33	27	25	26	22	21	21	21	21	20	19	20	20	21	22	25	27	28	25	23	24
3	20	20	21	21	23	23	24	25	27	23	21	22	26	27	23	23	21	22	21	21	21	19	21	19	22
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6	24	31	23	21	21	21	20	19	19	17	17	17	15	15	15	15	15	15	15	20	21	20	19	19	19
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9	21	21	19	18	17	17	17	19	21	23	24	23	23	23	24	25	23	23	23	23	25	27	34	45	23
10	53	53	49	52	53	43	46	50	35	26	27	27	27	26	26	26	26	24	22	22	22	21	21	20	33
11	21	21	21	21	21	21	22	23	22	21	21	21	20	20	19	20	25	22	21	20	20	23	25	23	21
12	22	22	27	27	33	26	25	22	23	23	23	25	21	19	19	19	19	22	23	20	19	19	20	21	22
13	27	34	37	51	63	67	64	45	33	25	21	22	19	18	18	19	19	21	24	29	21	21	21	21	31
14	25	27	31	33	34	27	27	27	29	26	27	23	23	24	22	19	19	21	20	19	19	17	16	24	
15	19	17	17	17	17	17	17	17	19	20	22	22	23	23	22	21	21	21	21	21	20	19	21	22	20
16	19	19	19	20	21	23	24	30	23	22	22	22	22	22	22	23	23	22	22	25	29	29	31	35	24
17	27	21	21	22	23	26	26	31	29	25	22	22	35	27	26	25	24	22	24	29	36	22	25	31	26
18	34	37	30	27	29	30	33	32	31	35	24	25	27	25	25	23	21	22	21	21	21	21	21	19	26
19	20	19	19	19	24	23	23	25	22	23	23	25	24	23	23	21	21	20	21	23	25	23	21	24	22
20	27	31	29	28	29	29	28	29	26	22	23	21	21	21	21	21	20	19	19	22	23	24	23	22	24
21	19	19	19	19	21	23	22	27	25	24	24	23	23	21	21	21	19	19	21	21	21	21	21	23	22
22	26	23	22	22	22	23	27	27	25	24	21	20	21	20	20	31	29	30	34	51	44	54	25	25	28
23	24	25	26	75	101	73	31	29	43	29	23	22	23	22	21	20	19	18	18	19	19	19	19	19	31
24	19	19	19	21	21	23	23	25	25	22	20	18	19	18	17	18	25	32	20	19	17	18	21	19	21
25	20	20	25	23	24	28	31	33	31	25	25	27	27	28	26	21	19	17	18	19	21	22	22	23	24
26	21	19	19	19	18	18	18	19	19	22	19	17	17	17	17	17	17	19	23	23	21	20	21	21	19
27	21	23	24	21	23	20	20	19	17	17	17	21	19	17	17	18	18	19	19	21	21	21	20	20	23
28	20	19	19	19	22	25	29	26	28	28	26	23	23	23	23	23	21	21	25	24	23	23	23	20	23
29	21	22	23	21	23	23	28	31	27	25	25	25	25	25	23	24	22	21	24	40	52	38	40	39	28
30	41	32	43	37	31	34	56	54	38	27	27	29	23	21	22	19	19	19	21	22	23	23	21	20	29
31	19	21	23	23	35	29	25	29	24	20	19	18	19	19	18	21	17	16	17	21	25	25	27	25	22
MEAN	24	25	26	28	30	29	29	28	26	24	23	22	22	22	21	21	21	21	21	23	24	24	23	23	24
PERCENTAGE OF DATA VALID - 99																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH SEP 72

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	25	23	24	23	28	31	33	41	37	25	23	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
2													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
3													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
4													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
5													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
6													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
7	17	17	17	21	23	22	23	24	23	22	23	21	19	18	17	15	14	13	15	15	15	15	15	17	DATA MISSING
8	26	37	29	25	25	25	24	27	27	24	23	25	25	27	27	25	24	26	31	34	36	38	39	39	29
9	37	36	35	33	31	31	31	30	31	30	29	28	28	27	27	26	26	26	27	28	29	31	33	33	30
10	35	33	30	27	26	25	24	23	22	21	21	21	21	20	20	20	20	20	21	22	22	22	23	23	23
11	23	23	25	23	25	26	30	31	27	28	29	27	26	27	26	23	25	25	29	31	29	31	29	28	27
12	24	25	24	24	24	27	30	27	27	27	27	25	25	25	27	25	25	26	23	23	21	21	21	22	25
13	22	23	22	23	22	21	23	25	28	25	24	22	21	21	22	24	23	23	23	25	28	27	26	29	24
14	26	25	26	23	23	25	25	26	21	18	18	19	19	18	18	19	19	19	19	19	22	28	26	26	22
15	26	21	20	21	31	30	33	29	23	22	23	24	24	22	19	17	15	15	16	17	18	19	23	24	22
16	27	26	18	19	19	21	23	31	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
17													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
18													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
19													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
20	33	29	27	26	24	26	31	31	27	25	26	33	35	36	35	30	37	32	32	31	30	33	31	31	28
21	27	26	27	31	28	28	31	32	30	DATA MISSING	21	29	29	29	29	30	29	28	28	27	27	25	25	25	28
22	23	23	22	21	22	23	23	25	32	33	33	30	29	27	29	30	30	29	30	35	43	38	33	33	29
23	30	28	27	27	27	27	30	29	30	27	27	27	26	27	27	27	29	29	29	29	31	32	31	31	29
24	27	27	29	30	29	31	33	37	31	31	29	27	22	21	20	20	23	22	23	25	27	27	27	25	27
25	21	21	20	21	21	22	23	23	DATA MISSING	20	19	19	19	19	17	19	17	19	19	19	20	21	19	19	20
26	20	19	17	17	17	18	19	21	21	22	21	23	23	23	23	24	26	27	31	27	29	30	29	28	23
27	25	25	23	23	22	22	22	24	25	27	25	24	24	23	25	24	23	21	21	21	23	23	24	25	24
28	27	25	33	35	36	37	36	40	25	22	20	16	16	16	15	14	14	14	14	14	13	13	13	13	22
29	13	13	13	17	15	16	17	19	29	30	31	29	29	30	31	31	29	29	28	29	30	30	31	27	25
30	26	24	24	24	24	26	27	25	25	25	26	27	26	25	25	27	27	27	28	28	28	28	29	29	26
MEAN	26	25	24	24	24	25	27	28	27	26	25	25	24	24	24	24	24	24	24	25	27	27	26	26	25

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH OCT 72

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	29	36	35	30	29	27	26	26	26	25	25	25	25	25	25	25	25	26	26	25	25	25	26	27
2	27	27	27	27	27	29	35	35	41	38	51	42	28	26	24	22	21	23	25	23	21	20	19	19	28
3	18	18	19	21	21	21	23	27	25	23	21	23	21	19	19	19	19	21	25	24	21	21	19	20	21
4	20	19	19	19	19	19	21	23	24	23	21	20	19	23	22	21	21	21	21	21	25	22	22	21	21
5	22	20	19	19	19	21	25	29	29	24	23	23	21	20	19	21	19	19	27	23	20	22	19	23	22
6	23	25	34	33	35	33	37	37	36	34	33	29	31	29	31	27	27	28	28	27	23	22	22	20	29
7	21	20	19	19	19	17	18	19	18	18	18	18	19	19	20	20	21	21	25	27	29	31	29	25	21
8	30	23	25	25	26	20	21	21	21	25	21	22	22	22	22	21	21	20	21	21	20	19	20	21	22
9	22	22	23	25	26	23	23	24	25	24	23	21	23	23	23	23	22	23	23	27	35	39	53	59	27
10	45	49	48	45	47	48	32	28	28	25	21	19	21	19	24	23	20	24	23	21	24	24	25	23	29
11	24	24	23	23	23	21	21	21	20	19	19	18	17	17	17	19	18	17	17	19	18	17	18	19	19
12	21	21	23	21	20	21	21	19	21	23	21	21	20	20	20	20	21	19	19	19	19	18	17	20	21
13	17	17	17	17	19	21	21	25	24	23	29	26	22	23	23	23	21	19	20	20	19	19	19	19	21
14	19	19	19	19	21	23	23	23	27	24	24	23	23	23	23	22	23	23	23	23	22	22	22	24	22
15	25	26	27	26	26	26	26	26	25	25	27	27	27	27	25	24	23	23	26	30	26	23	22	23	25
16	19	19	19	19	19	19	19	21	21	19	19	19	20	18	18	21	19	19	19	21	21	26	27	26	20
17	25	25	25	26	25	27	28	30	30	33	29	29	27	26	26	27	28	27	28	29	29	28	27	26	28
18	26	26	27	27	27	27	27	30	36	59	33	27	29	31	35	37	29	28	30	30	28	28	28	30	31
19	32	33	34	33	33	36	41	41	42	41	42	37	33	32	31	29	28	29	29	31	31	31	29	31	32
20	43	42	37	35	33	35	45	59	46	38	32	29	27	27	27	24	21	22	23	25	24	23	23	23	32
21	21	21	20	20	21	20	21	23	25	22	21	21	21	21	22	21	20	19	20	20	20	20	20	25	21
22	23	20	21	21	23	23	22	21	21	20	20	19	19	19	19	19	19	20	21	24	25	24	21	19	21
23	18	17	16	15	15	17	19	23	25	23	27	25	22	21	22	22	22	21	21	21	21	22	23	21	21
24	22	22	23	23	23	24	25	26	29	28	30	29	29	29	27	28	27	26	27	28	28	27	27	26	26
25	25	25	25	27	31	32	33	33	32	31	31	31	29	28	27	25	19	20	20	20	19	18	17	17	26
26	17	17	17	19	20	20	20	22	21	21	20	19	19	18	17	18	17	18	20	21	22	26	27	25	20
27	25	29	32	33	33	35	33	33	DATA MISSING	25	25	22	21	25	26	29	30	29	34	28	25	25	24	21	28
28	21	23	21	21	23	25	26	24	25	26	25	25	27	30	29	29	29	27	26	25	25	23	24	24	25
29	26	23	21	21	21	21	21	22	21	21	21	21	22	23	21	22	22	22	28	26	25	24	23	23	23
30	23	24	28	30	31	34	34	31	33	30	27	27	26	29	27	26	25	25	24	23	22	21	21	21	27
31	20	20	21	22	23	23	23	24	25	27	25	25	23	23	23	23	23	21	21	20	19	19	19	18	22
MEAN	24	24	25	25	25	25	26	27	27	27	26	24	24	24	24	24	23	23	23	24	24	23	24	24	25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	17	19	19	21	21	23	23	23	23	24	23	23	25	24	21	20	18	18	17	17	17	20
2	17	19	19	19	19	21	24	29	35	20	21	21	23	23	23	26	21	22	21	24	23	23	21	21	22
3	21	21	21	21	21	25	25	27	31	34	33	33	31	33	32	26	35	34	37	46	60	62	67	62	35
4	53	47	44	37	35	34	34	33	31	33	33	32	31	29	29	30	31	45	74	105	114	122	111	93	53
5	79	71	62	55	50	45	41	40	39	37	36	35	35	35	33	33	33	33	31	29	27	29	28	27	40
6	24	23	23	23	25	24	25	27	29	27	21	20	19	21	22	22	25	29	28	29	27	27	30	31	25
7	31	31	29	27	22	21	21	21	21	20	19	18	18	18	18	18	25	21	21	20	20	22	24	23	22
8	24	23	25	24	23	23	25	25	26	27	28	29	28	26	27	28	29	28	27	26	25	24	23	23	26
9	25	25	25	26	25	26	26	26	28	27	25	25	25	25	25	25	25	24	23	21	21	20	19	18	24
10	17	18	17	17	17	17	17	18	19	20	19	18	19	19	19	22	23	23	21	22	21	21	21	21	19
11	21	19	21	21	19	18	17	19	19	20	20	20	20	20	20	21	21	22	21	22	23	28	26	21	21
12	23	23	23	25	23	23	31	31	26	37	31	24	23	21	21	21	21	21	23	31	32	30	27	23	26
13	25	25	24	23	23	23	25	24	23	23	24	23	21	20	20	21	21	21	19	17	17	17	16	16	21
14	18	19	21	29	39	39	33	30	29	30	29	27	27	26	25	24	25	25	24	23	21	21	21	22	26
15	21	20	25	32	39	41	40	38	35	30	29	27	41	39	36	31	29	31	31	31	30	31	29	27	33
16	28	27	29	37	30	27	30	33	39	39	38	35	34	34	34	34	33	31	27	25	24	22	25	24	31
17	25	25	23	22	22	25	25	25	27	27	27	27	29	29	30	29	29	29	27	29	29	28	28	29	27
18	12	7	11	10	8	7	9	9	11	9	9	9	27	27	25	25	25	25	27	26	27	29	31	27	18
19	28	26	29	26	25	23	23	21	21	21	21	21	25	25	25	24	24	24	24	23	23	23	22	23	24
20	25	23	26	35	41	41	41	37	39	35	30	29	33	33	37	43	39	36	33	35	31	31	31	31	34
21	39	37	51	44	39	35	34	35	35	53	29	25	29	29	29	31	31	27	29	27	27	26	25	25	33
22	27	26	24	23	23	25	35	36	31	29	29	25	32	32	29	31	30	31	27	26	24	24	25	26	28
23	27	24	23	24	23	23	24	25	26	32	29	25	24	23	23	23	23	23	20	19	21	21	21	22	24
24	24	21	19	19	22	20	21	20	22	20	19	19	25	23	21	21	24	24	25	24	21	20	20	22	22
25	23	22	23	23	24	27	26	21	21	21	20	20	19	17	19	19	19	19	17	19	17	16	15	14	20
26	21	21	19	20	20	19	27	25	22	19	21	19	21	20	19	21	22	21	19	19	19	18	17	17	20
27	21	21	21	21	18	18	19	18	18	21	20	19	23	23	25	23	22	23	24	23	21	19	20	21	21
28	26	23	23	21	23	23	22	25	27	27	27	27	32	32	32	32	29	29	29	27	27	23	23	23	26
29	25	25	27	26	24	24	24	25	30	27	29	28	29	25	16	20	21	19	21	22	23	21	21	17	24
30	20	19	19	17	17	19	21	25	26	23	23	22	23	23	23	23	28	34	39	35	37	37	29	22	25
MEAN	26	25	25	25	25	25	26	26	27	27	26	25	26	26	25	26	26	26	27	28	28	28	28	26	26

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	18	17	19	18	17	19	18	21	24	23	25	28	29	28	28	39	33	36	34	35	37	36	34	26
2	31	30	29	28	31	33	32	29	28	28	27	25	22	23	23	23	26	29	27	27	30	28	27	28	28
3	29	30	29	30	28	27	26	26	27	27	28	29	29	30	30	30	31	31	30	30	30	30	30	29	29
4	29	29	29	29	29	29	29	31	29	30	29	29	29	29	29	30	31	29	27	25	27	26	24	24	28
5	23	23	23	24	24	26	28	29	29	27	28	24	24	24	24	25	25	28	28	27	26	27	27	27	26
6	30	31	31	27	26	26	25	24	25	27	29	29	30	30	29	32	34	31	31	31	31	29	29	28	29
7	27	27	27	27	27	27	27	29	35	34	31	31	30	31	29	28	29	29	28	28	31	31	31	31	29
8	31	30	32	31	29	27	27	27	33	36	35	35	30	31	29	28	29	29	46	48	50	54	55	51	39
9	49	45	42	41	40	37	35	37	39	41	43	45	47	46	45	42	37	35	35	36	35	31	29	27	39
10	27	28	27	29	27	26	25	26	27	26	27	27	27	27	27	27	27	26	26	26	26	27	29	28	27
11	29	29	29	29	29	28	31	30	31	37	39	35	38	39	39	37	39	36	33	30	29	31	31	31	33
12	29	27	27	26	27	27	27	27	30	29	27	27	27	30	29	27	25	23	25	25	28	27	25	25	27
13	24	23	23	23	23	25	25	25	28	30	29	31	31	30	31	30	32	31	29	28	27	27	27	28	28
14	27	28	29	27	27	26	25	28	33	32	35	31	31	37	42	35	38	35	36	36	36	36	38	37	33
15	35	33	31	29	27	27	27	29	31	31	33	35	35	33	33	37	39	37	35	31	30	29	28	26	32
16	23	21	21	21	21	21	20	20	21	21	21	22	22	22	22	22	22	22	22	23	23	23	23	25	22
17	26	27	27	27	27	27	28	28	28	30	31	31	31	29	25	23	23	32	35	34	32	35	29	20	25
18	20	20	20	21	21	21	23	22	28	49	26	23	24	27	27	29	39	32	35	34	32	35	29	23	28
19	23	25	25	25	25	23	21	23	25	24	23	24	23	26	25	25	29	30	31	33	35	35	35	35	27
20	30	31	31	31	31	31	31	32	33	34	35	41	41	36	33	38	42	44	41	37	34	33	31	29	35
21	28	28	27	28	27	27	27	30	37	33	35	35	33	32	32	43	45	43	45	50	44	47	48	44	36
22	41	37	35	35	34	35	36	39	41	41	51	50	50	47	49	54	57	51	52	49	45	39	36	33	43
23	29	30	28	27	26	25	25	25	25	25	26	28	27	27	27	27	27	26	25	25	26	27	26	27	27
24	29	29	28	28	29	30	28	28	29	29	30	31	31	31	31	31	32	33	34	33	31	31	31	31	30
25	31	34	33	33	31	31	31	33	32	32	31	28	25	25	27	27	27	27	26	25	24	24	25	23	29
26	23	25	25	27	27	27	27	27	27	27	30	31	31	31	29	29	29	29	29	29	29	27	27	26	28
27	27	27	27	29	28	28	28	27	27	25	26	26	25	24	27	37	35	31	31	29	29	27	27	28	28
28	28	29	28	28	28	28	28	29	31	31	33	33	35	34	34	35	35	37	35	34	31	31	31	30	32
29	28	29	29	29	28	29	29	31	30	30	31	33	26	25	26	26	30	29	27	26	27	27	27	28	28
30	31	29	27	25	23	22	22	23	23	22	21	21	21	21	23	22	25	31	35	25	27	27	21	19	24
31	20	20	19	19	18	21	20	21	21	21	21	21	24	26	22	22	23	25	25	25	23	23	25	26	22
MEAN	28	28	28	27	27	27	27	27	29	30	30	30	30	30	30	31	33	32	32	31	31	30	30	29	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	17	23	35
FEB	29	20	32	72
MAR	20	24	51	81
APR	30	19	26	52
MAY	30	16	24	48
JUN	30	21	27	48
JUL	27	23	32	71
AUG	31	24	33	101
SEP	24	25	30	43
OCT	31	25	33	59
NOV	30	26	53	122
DEC	31	29	43	57
YEAR	344	22	53	122

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	65	434	180	3	0	0	0	0	682
FEB	14	372	247	42	2	0	0	0	677
MAR	18	109	190	60	7	0	0	0	384
APR	11	440	224	32	0	0	0	0	707
MAY	79	456	128	15	0	0	0	0	678
JUN	18	246	426	26	0	0	0	0	716
JUL	0	237	309	61	2	0	0	0	609
AUG	0	159	497	75	6	1	0	0	738
SEP	0	78	368	82	0	0	0	0	528
OCT	0	125	529	88	0	0	0	0	742
NOV	9	100	461	131	7	5	0	0	713
DEC	0	13	477	247	0	0	0	0	737
YEAR	214	2769	4036	862	24	6	0	0	7911

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	FREQUENCY 50	CONCENTRATIONS DISTRIBUTION, 70	PERCENT 90	PERCENT 95	98	99	MAX	ARITH MEAN
90	5	13.3	18.1	20.7	24.3	30.5	34.7	43.1	49.8	122	22.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

	STATION - VICTORIA ST SARNIA OAMST										NO 14049		MONTH JAN 72															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	42	37	39	42	41	36	40	43	40	41	40	39	35	39	39	39	36	33	34	35	37	36	40	44	39			
2	38	28	24	25	30	25	26	36	26	25	25	23	21	21	21	22	22	20	22	23	23	24	25	26	25			
3	24	25	25	26	26	27	27	29	30	32	32	23	18	18	20	20	22	22	25	24	24	21	23	22	24			
4	19	19	21	20	19	20	19	22	22	25	25	22	22	21	20	24	22	20	19	18	19	21	20	21	21			
5	17	17	16	16	18	16	17	20	19	19	19	21	25	23	25	20	22	28	21	25	36	52	35	21	23			
6	22	26	23	26	35	33	32	41	38	36	35	36	38	37	36	37	39	41	38	38	36	32	30	33	34			
7	34	30	27	25	23	25	31	24	22	19	21	23	21	22	22	21	22	21	20	20	21	21	22	23	23			
8	24	26	25	25	27	36	41	34	31	32	26	24	24	23	22	21	22	21	20	19	19	22	20	19	25			
9	21	21	22	24	25	28	30	33	37	37	37	36	37	33	30	20	34	45	45	38	34	25	23	25	31			
10	26	22	22	38	44	43	35	33	31	33	31	24	26	28	27	27	25	22	20	35	42	38	38	40	31			
11	24	20	18	16	17	17	17	16	22	22	22	23	24	26	27	29	27	21	22	34	43	33	36	34	26			
12	19	18	17	17	17	17	16	22	22	23	21	22	20	24	25	24	22	20	19	18	17	17	23	30	20			
13	33	31	31	31	39	45	38	23	19	19	19	18	19	17	17	19	19	18	17	17	17	17	17	18	23			
14	17	17	18	19	17	21	24	29	42	64	50	38	39	28	19	18	17	20	18	17	17	16	16	17	25			
15	19	21	21	20	19	19	20	21	21	23	24	25	25	24	25	25	24	24	23	24	24	25	26	24	23			
16	22	23	24	23	23	24	25	24	25	27	33	40	32	35	38	35	30	31	28	28	27	28	33	35	29			
17	41	39	41	44	44	37	34	25	33	33	33	18	16	18	24	35	29	25	27	26	27	48	43	30				
18	15	15	15	14	12	14	12	12	14	17	19	21	21	21	21	37	38	35	36	48	43	48	25	16	18			
19	19	27	22	19	17	17	17	18	17	20	23	26	32	34	28	29	30	27	24	21	21	19	20	18	23			
20	20	22	24	23	24	24	22	23	23	23	22	25	27	37	33	33	37	44	25	20	20	20	20	21	25			
21	19	22	23	19	19	18	18	23	23	23	22	25	27	37	33	33	37	44	25	20	20	20	20	21	25			
22	18	18	16	17	17	17	17	18	16	16	17	18	18	21	21	26	25	29	24	21	20	19	16	18	19			
23	19	16	17	18	18	19	25	45	38	38	38	22	19	18	17	17	16	16	16	16	17	28	21	18	21			
24	18	13	13	13	13	13	14	14	15	18	16	16	17	18	18	18	18	18	16	16	16	16	16	16	16			
25	13	13	13	13	13	13	14	14	16	19	19	18	18	16	18	20	20	21	21	22	18	20	15	14	17			
26	18	18	15	15	14	13	13	14	16	18	17	17	16	16	15	15	18	17	17	18	20	22	18	18	17			
27	14	22	17	14	14	14	15	18	17	31	37	22	19	21	22	31	29	33	145	188	252	50	22	21	45			
28	23	22	16	20	20	15	15	14	13	12	14	13	14	14	13	14	13	15	15	15	15	15	13	14	15			
29	13	12	12	13	11	13	15	17	36	31	26	27	26	25	34	37	36	21	25	34	23	20	20	23				
30	22	22	21	22	23	23	23	25	25	27	25	24	24	24	24	25	25	25	27	29	32	25	23	23	25			
MEAN	22	22	21	22	23	23	23	25	25	27	25	24	24	24	24	25	25	25	27	29	32	25	23	23	25			

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

	STATION - VICTORIA ST SARNIA OAMST										NO 14049														MONTH FEB 72													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN													
1	20	18	15	13	14	15	15	14	15	23	26	24	23	22	21	26	24	23	21	22	22	23	23	20														
2	21	21	19	23	22	24	21	23	25	25	22	21	21	23	25	25	26	25	22	19	18	18	18	22														
3	17	17	17	17	17	17	22	26	32	34	39	42	50	36	36	34	32	26	22	20	20	14	14	12	26													
4	12	12	11	12	12	13	13	14	16	18	17	19	18	17	17	17	19	14	14	14	13	14	12	12	15													
5	12	14	13	13	12	11	11	12	12	14	16	17	15	17	18	17	18	18	17	18	18	18	17	20	15													
6	20	20	17	17	17	18	18	18	18	18	18	16	15	14	14	14	14	15	15	14	13	14	13	13	16													
7	11	11	11	11	11	11	12	13	15	18	18	17	18	18	18	17	18	21	21	19	18	19	22	21	16													
8	20	20	18	18	19	19	19	21	24	24	24	16	16	17	17	16	16	19	18	17	18	20	18	17	18													
9	21	16	16	14	13	13	15	15	17	22	18	15	15	13	13	14	16	14	13	14	17	17	15	14	15													
10	12	13	13	13	12	12	13	14	13	19	19	20	20	21	23	25	25	24	19	19	22	22	17	21	18													
11	28	23	45	54	58	74	85	76	59	41	36	24	20	20	20	20	19	21	20	22	24	23	20	21	36													
12	22	27	25	27	29	31	30	30	34	37	34	36	26	25	28	32	36	27	26	26	30	25	24	30	29													
13	23	25	25	26	26	28	32	29	25	21	23																											
14											22	26	23	25	21	20	21	22	22	22	22	23	25															
15	21	23	18	19	25	19	18	18	17	17	18	19	20	19	19	21	21	19	17	17	18	19	18	19														
16	18	18	18	18	18	19	21	19	19	22	20	21	19	22	22	20	19								20													
17											19	20	21	19	18	18																						
18											24	28	22	27	27	23	22	26	20	19	22	22	19	20														
19	18	19	17	17	15	14	13	14	15	16	15	15	17	15	17	17	18	17	17	16	15	14	15	16														
20	13	13	13	13	13	15	17	16	15	15	15	15	16	15	15	15	16	15	17	15	17	18	18	15														
21										34	35	35	24	19	31	27	19	16	16	16	14	13	13															
22	14	14	14	14	15	15	16	16	19	19	20	22	22	19	18	18	20	22	23	20	21	18	18	19														
23	18	18	18	18	18	18	18	19	20	20	22	22	22	19	18	18	20	22	22	19	19	26	32	22	20													
24	38	26	20	19	20	18	17	21	22	21	22	19	19	19	20	20	23																					
25	36	38			27	26	26	33	38	57	42	33	28	28	27	28	29	29	28	25	28	33	25	27	31													
26	21	21	21	20	19	18	17	17	18	18	18	18	19	18	18	21	19	18	18	22	23	23	31	33	20													
27	41	42	40	43	36	36	33	29	34	32	27	22	20	21	20	20	22	17	19	23	17	20	16	16	27													
28	15	15	15	15	15	15	15	17	19	23	27	25	23	23	21	23	23	22	27	31	34	52	39	34	24													
29	29	26	23	25	24	21	20	20	22	26	25	24	25	25	23	22	22	21	20	20	19	18	18	19	22													
MEAN	21	20	19	20	20	21	21	22	22	24	23	23	22	21	21	21	22	21	20	20	20	21	20	21	21													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	30	30	38	29	26	25	22	22	24	25	27	29	26	25	24	23	21	18	19	19	19	21	19	24
2	18	17	15	14	17	17	18	20	22	21	20	20	20	22	22	36	34	29	26	26	26	26	26	26	22
3	26	25	23	23	24	25	25	24	26	24	25	27	28	27	28	29	29	30	30	30	30	32	27	26	27
4	30	25	28	23	23	22	22	24	23	23	23	23	24	27	25	25	25	24	24	35	31	25	24	23	25
5	22	22	22	22	21	21	21	20	20	20	21	21	22	22	22	22	21	22	22	22	22	22	22	22	22
6	21	21	21	21	21	22	25	25	28	31	30	28	26	26	25	29	24	24	23	22	22	21	21	21	24
7	21	26	28	32	33	32	32	35	34	33	37	37	34	25	25	25	25	23	22	20	19	19	19	19	27
8	20	20	20	20	20	20	20	20	22	23	23	18	16	18	18	18	18	16	16	16	16	16	16	16	18
9	17	17	17	17	17	18	19	21	22	25	25	25	23	21	21	26	28	30	26	30	30	32	28	22	23
10	23	23	18	18	16	16	17	19	22	25	22	21	20	22	22	20	21	23	25	21	23	26	24	23	21
11	16	16	16	17	17	17	17	18	21	19	22	20	20	22	24	24	26	24	24	26	26	26	27	26	21
12	28	27	27	25	24	24	24	22	22	22	22	22	22	22	19	20	20	21	21	21	22	22	21	21	23
13	22	22	22	22	21	21	21	21	21	18	17	17	18	19	19	19	19	19	19	17	16	15	15	15	19
14	15	14	13	13	13	15	15	16	19	26	27	27	24	26	24	25	22	19	18	18	17	15	18	19	19
15	15	14	13	16	16	18	17	19	20	26	27	23	21	21	18	24	23	23	18	18	16	16	16	16	19
16	17	16	15	15	15	15	15	18	21	26	25	25	32	31	37	35	35	37	32	23	23	23	21	21	24
17	18	17	18	17	18	18	19	19	23	22	22	22	23	23	21	23	23	26	18	18	23	25	20	25	21
18	17	18	17	16	16	17	17	17	16	21	22	22	22	22	23	19	20	21	21	21	24	24	24	24	20
19	22	23	22	24	18	16	16	14	14	13	15	15	16	17	16	17	17	17	17	19	21	18	17	17	18
20	17	18	17	17	17	17	17	19	24	28	26	26	26	27	25	23	24	23	22	23	22	21	21	22	22
21	18	18	18	18	18	19	19	18	21	25	28	22	22	23	23	24	20	19	17	17	16	21	25	21	20
22	19	19	19	19	15	15	15	16	18	17	17	17	17	19	18	16	16	18	15	13	13	13	13	12	16
23	12	12	12	12	13	13	14	14	17	20	20	20	22	21	21	22	22	22	21	23	22	21	20	20	18
24	20	20	19	19	21	21	19	20	22	24	22	22	24	25	23	24	26	23	24	24	24	27	22	27	23
25	22	29	25	22	21	19	19	19	22	26	26	26	24	23	23	21	20	22	22	24	24	23	25	24	23
26	21	21	21	23	24	23	25	25	21	21	21	21	22	21	22	22	23	22	20	18	21	24	23	25	22
27	23	17	17	19	18	18	18	20	23	24	25	26	25	26	28	28	26	24	24	26	27	27	24	25	23
28	24	28	23	23	25	23	26	28	27	29	29	23	23	23	23	21	19	17	14	20	21	23	23	24	23
29	27	28	27	28	28	30	29	32	38	41	35	28	26	24	25	26	24	28	22	16	17	25	32	38	28
30	35	31	29	27	29	30	29	32	35	21	21	21	23	22	20	20	20	20	20	20	29	27	18	27	25
31	36	41	37	26	19	19	19	32	34	20	16	14	14	14	15	13	14	12	12	15	15	18	18	21	21
MEAN	21	22	21	21	20	20	20	22	23	24	24	23	23	23	23	23	23	23	21	21	22	22	22	22	22

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	25	25	31	22	27	20	18	17	22	22	25	22	19	18	21	18	17	17	18	19	20	19	20	21
2	18	21	17	17	17	17	17	17	16	16	16	16	14	13	13	15	13	16	16	17	19	23	19	21	17
3	19	19	19	19	20	22	22	23	25	24	33	28	22	24	23	22	26	23	22	28	20	18	21	18	23
4	19	20	18	20	19	17	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
5																									
6																									
7																									
8																									
9																									
10	18	23	19	18	21	26	23	22	20	16	16	14	14	12	14	14	17	18	22	19	21	26	32	30	20
11	43	50	22	20	19	17	17	17	21	17	17	17	17	17	16	16	17	14	14	14	13	13	13	14	19
12	11	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
13	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
14	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
15	13	13	13	12	13	12	12	15	15	18	23	18	18	18	18	18	18	18	18	18	18	18	18	18	18
16	13	13	13	12	13	12	12	15	15	18	23	18	18	18	18	18	18	18	18	18	18	18	18	18	18
17	12	12	11	11	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
18	14	12	11	9	9	14	30	34	28	25	30	24	22	23	25	24	29	25	22	34	51	53	26	26	25
19	12	12	10	10	12	12	11	12	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
20																									
21																									
22	8	8	8	6	6	6	6	6	6	10	14	25	25	21	27	28	16	16	16	30	25	20	14	20	15
23	17	18	23	27	17	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
24	15	15	15	15	13	12	12	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
25																									
26	25	21	18	17	16	22	22	21	20	16	15	15	14	14	14	13	12	12	12	12	12	12	12	12	12
27																									
28	20	26	31	31	33	54	72	62	83	35	20	16	15	17	21	18	23	20	22	22	31	44	36	26	32
29	25	30	27	64	75	44	27	21	20	18	14	14	14	15	20	17	17	14	12	14	16	23	18	20	24
30	16	11	11	11	12	16	17	12	13	13	15	16	12	12	12	11	12	14	12	11	12	14	14	17	13
MEAN	18	19	17	19	20	20	21	19	21	19	19	19	17	17	18	18	18	17	17	19	19	22	19	18	19

PERCENTAGE OF DATA VALID - 60

PERCENTAGE OF DATA VALID - 87

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	41	40	49	58	38	22	24	24	20	20	18	15	16	16	17	17	17	19	21	20	22	25	23	27	25	
2	48	45	54	44	48	28	44	38	25	23	17	17	16	16	16	17	21	21	21	21	21	21	21	21	28	
3	15	13	16	16	16	16	16	18	21	22	22	21	18	18	18	18	17	18	22	21	21	21	16	18		
4	19	20	19	21	22	22	22	25	25	27	27	25	19	19	19	19	19	16	18	18	20	18	19	19	21	
5	18	18	18	18	18	19	19	***	***	18	18	18	18	18	18	20	19	18	18	18	20	30	57	77	21	
6	41	22	24	26	25	25	33	30	29	26	25	25	24	25	26	26	22	21	21	21	32	27	32	35	27	
7	45	56	56	50	77	27	23	32	27	25	26	25	21	21	21	25	28	24	24	29	31	26	23	25	32	
8	24	43	30	25	27	26	32	28	22	24	23	23	18	21	18	19	22	21	21	27	28	28	26	28	25	
9	22	32	33	33	24	25	30	26	26	25	24	25	19	23	26	24	28	29	30	40	26	28	23	26	27	
10	19	23	23	22	23	23	24	24	25	28	32	31	28	25	25	28	25	24	25	27	29	25	28	28	26	
11	24	25	24	24	24	41	45	36	34	43	45	45	32	34	34	38	37	33	35	43	50	56	38	46	37	
12	39	36	56	51	42	47	73	72	42	39	36	27	25	21	35	40	41	29	34	24	20	18	15	15	37	
13	20	44	33	13	17	51	44	20	19	19	19	22	19	19	23	26	23	18	15	14	14	14	20	16	23	
14	20	47	51	39	63	42	44	31	23	20	27	33	31	***	***	***	49	70	33	39	40	50	36	30	39	
15	33	25	29	22	23	51	25	37	35	38	25	21	29	37	28	25	25	26	38	45	59	43	26	22	32	
16	22	19	17	17	17	17	17	17	17	17	17	17	18	18	19	16	18	18	19	19	21	38	32	23	20	
17	26	47	69	59	57	63	64	44	72	48	40	30	28	25	24	22	20	25	21	22	27	25	25	24	38	
18	21	21	29	32	21	27	33	30	34	30	25	22	23	21	20	20	20	18	22	27	***	***	***	***	25	
19	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	DATA MISSING	DATA MISSING	30	32	35	39	51	83	124	87	***	***	***
20	50	29	33	26	22	22	23	21	20	21	21	20	17	19	19	20	18	17	21	27	41	27	24	58	26	
21	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	
22	15	15	16	16	14	15	15	16	16	17	18	17	17	18	18	18	18	16	16	16	16	15	16	16	16	
23	14	14	14	15	15	15	17	19	18	18	19	20	21	20	18	17	17	16	16	18	17	17	18	17	17	
24	16	16	16	16	16	16	17	17	17	17	18	19	19	18	20	19	19	17	16	16	16	16	17	19	17	
25	17	20	24	27	26	34	30	34	24	20	19	19	21	24	23	24	23	21	19	21	23	24	31	30	24	
26	30	42	58	58	48	41	28	26	22	20	21	21	21	21	21	21	20	20	18	17	24	26	34	26	29	
27	39	31	39	103	76	66	38	39	26	20	20	20	19	19	19	18	18	19	16	17	19	22	50	45	33	
31	30	42	43	40	45	55	54	33	34	***	***	***	25	23	21	23	22	22	21	23	27	31	56	36	26	33
MEAN	27	30	34	34	32	32	32	29	27	25	24	23	21	22	22	23	23	23	23	26	31	29	27	28	27	

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	21	21	22	22	24	24	24	24	24	23	21	21	20	21	20	29	34	32	16	18	18	19	23
2	18	17	18	16	19	18	17	18	17	17	19	21	20	16	15	15	20	21	22	32	25	21	21	18	20
3	16	17	17	17	16	18	17	18	17	17	16	15	17	17	17	17	16	16	16	16	14	14	14	14	16
4	15	15	15	14	15	15	16	16	17	16	16	15	17	17	17	16	16	16	15	17	18	17	23	21	16
5	31	31	22	24	31	32	41	27	24	22	21	18	20	18	19	18	16	16	15	45	25	16	16	15	23
6	16	15	15	15	15	15	15	15	15	26	25	19	18	18	16	16	17	16	16	17	20	15	15	15	15
7	37	20	21	24	24	19	18	18	16	16	14	14	15	15	15	14	14	14	15	15	16	15	15	15	18
8	17	18	18	18	17	18	18	18	20	23	28	28	28	28	26	24	28	21	17	17	17	36	30	22	23
9	19	17	17	15	15	15	16	16	16	16	17	18	18	19	19	19	18	18	18	20	24	32	15	15	18
10	15	15	15	15	20	20	19	18	20	20	19	19	19	19	21	21	19	18	18	20	45	39	28	25	22
11	29	40	26	21	18	27	31	29	30	18	23	23	27	33	32	38	33	34	20	22	22	31	55	60	31
12	48	35	19	18	17	17	19	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
13																									
14																									
15	11	11	11	11	11	11	11	13	13	13	13	13	13	13	15	15	14	13	13	11	11	11	13	12	12
16	14	15	12	12	10	10	14	15	17	13	12	11	11	11	11	11	14	18	18	18	18	18	17	20	22
17	27	41	32	19	18	16	18	18	24	24	24	24	24	24	24	24	22	22	21	22	21	22	22	22	23
18	22	23	25	23	23	27	26	21	21	23	22	22	22	21	21	21	21	21	17	19	22	19	19	21	22
19	24	22	21	21	21	21	23	18	18	19	19	19	19	19	19	19	19	19	19	22	24	32	46	32	22
20	38	22	19	22	22	21	25	39	25	24	24	24	24	20	20	20	17	17	21	25	30	24	21	25	24
21	40	36	28	38	27	19	21	26	32	24	24	25	29	31	30	27	25	29	23	23	23	23	23	23	23
22																									
23																									
24																									
25	23	23	23	23	23	23	25	25	27	23	23	24	24	22	22	23	21	18	18	23	22	18	25	22	23
26	23	23	23	23	23	23	25	25	27	23	23	24	24	22	22	23	21	18	18	23	22	18	25	22	23
27	26	42	54	31	35	37	33	23	20	18	17	16	18	18	18	18	19	19	19	19	18	18	18	18	24
28	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	21
29	17	16	16	18	18	20	22	21	21	21	21	21	21	21	21	21	19	19	19	21	23	30	46	50	23
30	62	48	52	53	71	108	80	111	53	29	25	22	21	22	22	22	23	20	24	44	26	15	17	27	42
31	33	52	31	35	39	35	40	27	22	25	22	21	24	24	20	20	16	16	17	20	17	21	23	19	26
MEAN	26	26	23	22	22	24	25	26	21	22	22	21	21	21	20	20	20	19	19	23	23	23	25	23	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	23	22	20	41	33	67	53	28	27	25	24	22	22	25	23	28	30	27	17	17	15	27	
2	14	14	14	14	14	14	14	14	15	15	15	15	16	16	16	18	16	15	15	15	15	15	15	15	
3	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	16	16	16	16	15	
4	17	17	17	16	16	16	16	16	16	17	17	16	14	14	14	13	13	11	10	13	13	24	19	18	
5	22	43	53	21	19	19	22	23	23	19	19	19	19	20	19	19	18	16	17	28	19	17	18	18	
6	18	24	22	23	20	20	26	23	23	22	22	22	24	23	21	21	18	24	19	14	14	14	14	20	
7	15	17	22	28	29	25	23	54	51	29	30	27	28	28	28	32	27	22	22	23	29	22	19	18	
8	18	18	16	16	16	16	16	23	23	28	28	28	26	26	25	26	25	23	23	23	23	21	21	22	
9	23	22	22	22	22	22	22	23	25	24	23	23	24	24	24	24	24	24	24	25	25	25	28	31	
10	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
11	25	22	27	24	27	28	32	56	56	35	34	34	29	40	32	29	28	28	28	28	28	28	28	33	
12	20	19	23	23	23	22	24	26	26	23	20	20	21	21	21	20	19	19	19	19	19	19	22	24	
13	20	19	19	19	21	23	24	26	35	23	19	20	17	17	17	18	18	19	22	23	25	24	25	24	
14	21	20	18	16	17	18	19	19	18	18	20	19	17	17	17	20	18	16	17	24	32	28	27	37	
15	27	43	60	59	56	56	56	47	47	20	22	23	24	25	25	28	22	20	26	37	28	23	23	22	
16	23	20	17	17	18	20	21	25	31	26	28	28	26	31	25	26	25	24	25	27	24	26	29	33	
17	36	30	17	16	17	27	24	22	18	17	15	15	15	15	15	16	17	17	17	19	18	17	29	26	
18	16	17	18	17	18	17	18	24	20	20	20	20	19	18	19	19	18	16	17	17	18	18	18	16	
19	16	16	16	16	15	16	18	18	19	18	18	20	20	20	20	20	19	19	19	18	18	17	19	19	
20	20	20	20	20	18	19	21	21	21	22	24	22	21	24	21	21	19	23	26	24	26	26	25	27	
21	19	19	19	25	20	24	30	25	26	28	29	25	29	25	25	24	24	25	21	21	20	20	20	19	
22	17	17	17	16	17	17	18	20	19	21	21	22	21	21	21	24	22	20	22	26	24	23	23	23	
23	25	23	24	21	21	21	21	20	22	22	24	20	19	19	19	18	18	18	19	21	23	21	24	22	
24	23	24	27	34	29	25	26	28	28	28	27	30	28	23	23	24	25	26	21	22	34	41	47	40	
25	36	33	28	27	30	31	35	30	30	14	15	37	34	33	39	40	48	33	32	35	29	36	40	33	
26	34	30	33	23	26	28	28	29	35	36	38	38	18	19	20	20	19	20	25	22	19	19	19	25	
27	15	16	15	15	16	17	18	21	22	23	23	23	19	19	19	21	21	21	21	21	20	23	21	23	
28	17	17	18	18	18	19	22	22	22	22	22	21	19	20	20	21	21	21	21	26	23	24	25	27	
29	21	24	21	25	24	24	24	25	25	29	27	31	27	23	25	25	22	22	22	22	22	22	22	24	
30	16	15	15	17	17	17	17	18	18	20	20	20	20	20	20	20	21	21	21	23	23	23	24	20	
MEAN	21	22	23	22	21	23	24	27	26	23	23	22	22	22	22	22	21	21	21	23	23	22	23	24	

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	21	25	21	25	32	28	26	24	26	27	27	25	20	19	24	27	22	23	28	28	31	25
2	35	20	20	20	21	23	26	28	33	38	35	35	26	26	22	24	24	24	31	25	24	25	27	22	27
3	18	21	20	20	21	20	20	24	25	23	21	22	24	26	21	22	24	26	21	28	21	20	20	19	19
4	19	19	19	19	19	20	33	44	22	22	27	24	23	22	22	23	20	20	20	18	18	20	20	20	22
5	21	23	21	18	21	21	25	29	34	25	22	22	22	23	23	25	26	24	26	25	27	28	21	28	24
6	24	25	27	25	21	24	24	29	31	28	37	42	32	27	27	26	22	19	19	18	19	18	18	18	25
7	16	16	16	15	15	15	15	17	18	19	18	18	18	18	18	18	18	18	20	30	47	30	28	23	20
8	29	34	19	18	16	16	17	17	17	17	17	15	17	17	17	17	17	16	16	16	16	16	18	17	18
9	17	17	19	19	19	19	18	19	19	18	18	18	18	18	18	18	18	18	22	36	32	29	29	25	21
10	24	21	22	20	20	19	23	22	25	23	22	22	23	23	22	22	22	20	20	20	20	22	22	22	22
11	23	21	21	23	22	21	21	22	28	29	27	31	25	25	28	30	27	38	33	32	27	36	26	28	27
12	24	30	28	22	22	21	21	21	21	21	21	21	21	23	23	25	24	24	22	21	20	19	19	19	22
13	19	20	18	18	19	19	20	22	25	22	21	22	25	25	33	30	28	25	29	34	33	32	30	32	25
14	35	31	21	17	17	17	17	18	18	20	23	21	21	20	19	19	18	18	17	17	17	16	17	17	20
15	17	17	17	17	16	16	16	16	16	15	15	15	16	16	16	16	16	17	18	18	18	18	17	17	17
16	20	20	17	18	17	17	17	19	21	21	24	21	20	22	26	36	26	22	25	22	16	12	12	13	20
17	14	12	12	12	13	14	14	17	15	15	18	20	19	19	17	16	16	16	17	16	16	18	17	15	16
18	16	16	17	15	16	16	17	20	22	22	20	19	22	20	19	20	19	17	16	16	17	17	17	17	18
19	17	17	16	17	18	19	19	21	20	22	24	22	25	26	26	26	25	23	28	33	33	27	30	47	24
20	49	48	47	47	49	45	74	71	43	32	25	24	22	22	23	26	27	26	27	26	26	25	26	24	36
21	25	26	27	28	26	24	23	23	25	25	26	25	24	23	23	23	22	23	25	24	24	30	31	27	25
22	28	32	30	29	29	23	31	35	34	29	25	21	24	22	21	21	21	21	21	23	21	34	38	27	27
23	26	24	19	18	21	23	28	32	35	40	41	32	34	32	29	25	23	20	20	18	16	17	16	25	20
24	16	16	16	16	16	17	17	19	21	23	24	27	27	25	23	23	21	18	18	17	18	17	16	20	20
25	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
26	45	37	40	49	39	35	28	28	26	28	25	23	24	25	23	23	25	25	28	26	25	23	25	20	20
27	20	21	40	36	22	21	20	20	22	23	23	23	24	21	21	21	21	21	21	21	21	21	19	17	23
28	17	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	18
29	20	20	20	20	21	21	22	22	25	26	26	25	25	27	28	31	31	28	27	25	23	23	24	24	24
30	20	20	20	20	21	21	22	22	25	26	26	25	25	27	28	31	31	28	27	25	23	23	24	24	24
31	26	27	26	25	24	24	25	27	26	26	25	25	25	27	28	27	28	26	22	22	22	21	21	21	25
MEAN	23	23	22	22	21	21	23	25	24	24	24	24	23	23	23	23	23	22	23	23	23	23	23	23	23

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION														
STATION - VICTORIA ST SARNIA OAMST											NO 14049														
											MONTH NOV 72														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	22	22	22	22	23	23	25	23	22	24	23	27	28	28	26	26	27	23	23	22	23	22	23	24
2	25	25	24	23	21	22	21	23	27	26	30	28	28	29	30	28	29	34	32	21	20	21	20	19	25
3	20	18	17	17	18	19	20	21	22	21	22	22	27	28	28	26	30	31	28	29	22	22	22	22	23
4													-	DATA MISSING	-										
5													-	DATA MISSING	-										
6													-	DATA MISSING	-										
7													-	DATA MISSING	-										
8	21	20	20	19	19	20	20	21	21	24	24	26	27	27	27	26	28	27	23	20	20	20	20	20	23
9	20	19	19	20	20	19	18	18	20	20	24	23	23	23	22	22	24	24	22	23	23	23	23	24	22
10															29	28	30	21	22	20	20	20	20	20	
11	22	21	22	21	20	20	20	20	21	23	24	26	26	24	25	27	28	26	26	26	27	29	26	37	24
12	36	27	28	28	28	26	28	32	30	25	25	23	23	23	22	25	24	25	26	27	28	32	29	27	27
13	26	23	22	22	21	21	21	22	23	24	21	23	24	24	25	25	23	22	22	21	20	21	21	21	22
14	23	21	22	20	20	20	21	23	24	24	25	25	25	26	28	30	32	30	29	28	30	31	31	31	26
15	31	29	29	29	27	26	26	27	29	30	29	31	31	31	31	30	30	28	25	25	25	25	24	24	28
16	23	25	25	25	24	24	27	28	24	23	25	27	29	31	29	30	28	26	22	22	22	22	22	24	25
17	26	26	26	24	23	24	26	27	27	27	27	30	28	28	29	33	34	33	29	31	32	29	29	28	28
18	28	28	27	27	28	28	29	29	29	31	33	33	33	32	32	36	32	29	30	29	31	29	28	27	30
19	26																								
20																									
21	23	22	22	23	25	22	22	25	25	31	36	30	29	28	31	33	34	29	25	27	26	26	25	27	27
22	26	25	24	24	23	25	25	25	27	27	29	26	25	27	27	30	33	33	29	31	29	27	29	27	27
23	27	28	26	25	25	26	26	27	27	25	25	26	26	26	26	25	25	24	24	25	25	24	24	24	25
24	25	23	23	23	21	22	26	26	26	24	24	24	27	28	30	38	44	42	42	41	46	47	45	42	32
25	44	42	40	46	46	36	35	36	33	38	40	29	28	40	25	27	24	22	20	20	20	20	22	20	31
26	22	20	23	23	24	25	21	22	24	21	31	23	25	23	23	22	22	22	22	22	22	22	20	20	23
27	20	20	20	20	20	20	20	20	20	20	21	23	22	22	22	22	22	22	24	22	24	23	23	23	22
28	22	21	22	23	22					25	24	25	25	25	25	25	25	24	24	24	22	22	23	22	24
29	23	23	23	22	22	22	22	24	29	26	25	26	25	26	27	29	31	25	25	33	39	35	29	24	26
30	23	21	22	25	24	26	24	26	31	33	34	30	25	27	22	24	25	24	31	30	27	27	29	29	27
MEAN	25	24	24	24	24	23	24	25	26	26	27	26	26	27	27	28	29	27	26	26	26	25	25	26	

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION														
STATION - VICTORIA ST SARNIA OAMST											NO 14049														
											MONTH DEC 72														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	29	26	20	19	19	19	19	19	19	22	25	25	25	27	27	30	31	27	25	25	26	26	24	24
2	24	25	23	22	22	23	23	25	38	32	34	36	27	32	27	25	24	25	27	31	36	25	29	30	28
3	25	22	20	19	22	22	22	22	21	21	21	21	21	20	20	20	20	22	22	21	21	20	20	22	21
4	23	21	23	22	25	25	24	23	24	24	26	30	30	33	37	37	38	35	35	32	34	43	45	39	30
5	35	38	45	40	36	24	23	27	32	32	29	31	31	35	39	45	41	43	40	33	34	35	32	30	35
6	31	35	33	35	31	29	28	27	27	29	26	24	24	24	25	26	28	27	26	25	25	25	25	28	
7	25	25	25	26	26	28	28	29	48	68	41	35	36	34	34	32	32	32	32	34	32	31	29	33	
8	28	27	26	26	26	26	26	29	35	34	35	32	33	32	33	33	41	39	35	33	45	47	38	36	33
9	36	33	30	29	29	29	29	29	30	31	33	34	34	33	33	32	32	29	29	29	29	27	29	31	
10	27	28	27	25	26	26	26	28	27	28	28	25	25	25	25	25	24	24	24	24	23	23	23	23	25
11	25	25	26	25	25	27	27	28	29	26	26	26	25	25	26	26	27	28	25	27	27	27	26	30	26
12	47	60	31	27	26	24	24	25	25	26	26	25	27	21	23	27	30	28	31	39	48	43	40	27	31
13	24	23	23	23	23	23	25	25	25	25	26	27	27	27	31	31	32	30	30	30	29	29	29	28	27
14	26	25	27	25	24	24	24	26	26	32	29	27	29	31	30	30	31	35	29	28	25	26	25	26	28
15	25	26	26	26	26	26	26	26	26	26	27	27	27	27	30	30	33	32	30	26	25	26	25	24	22
16	22	22	21	21	21	22	22	22	25	25	25	23	23	22	22	22	22	22	21	21	21	21	21	22	22
17	23	23	23	23	23	23	24	24	24	24	26	27	26	26	27	26	28	28	31	36	36	34	34	35	27
18	28	25	25	25	25	26	27	27	27	30	30	30	30	31	32	43	40	42	29	32	43	44	46	40	32
19	45	44	28	24	24	26	36	38	44	32	32	28	30	28	28	35	41	42	36	43	36	31	31	27	34
20																									
21	21	19	19	27	29	23	21	24	24	24	24	26	26	27	27	28	29	31	28	26	26	32	29	29	26
22	25	27	25	24	24	26	25	25	26	27	30	29	29	32	33	34	34	35	34	32	35	34	31	32	30
23	32	42	45	29	32	36	30	28	28																
24																									
25																									
26	23	22	22	22	22	22	22	23	24	26	26	24	23	25	40	35	33	31	30	27	29	31	32	28	28
27	20	20	20	20	20	26	30	22	30	31	37	37	37	32	25	26	26	23	22	24	22	19	19	19	25
28	19	20	20	20	20	19	19	19	20	23	23	24	25	24	26	29	27	25	25	26	26	24	22	22	23
29	22	21	22	22	22	21	20	21	22	22	22	22	23	23	26	25	25	24	22	21	22	21	21	22	22
30	20	20	20	20	20	22	21	24	23	26	25	22	22	24	23	24	25	26	22	20	20	20	21	20	22
31	17	17	16	16	17	18	28	33	36	37	30	25	26	23	18	17	18	18	19	19	19	19	19	19	22
MEAN	27	27	26	24	24	24	25	26	28	29	28	27	27	27	28	29	30	30	28	28	29	29	28	27	27

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	25	45	252
FEB	29	21	36	85
MAR	31	22	28	41
APR	26	19	32	83
MAY	30	19	25	75
JUN	30	23	40	94
JUL	28	27	39	124
AUG	30	22	42	111
SEP	30	23	34	67
OCT	31	23	36	74
NOV	26	26	32	47
DEC	30	27	35	68
YEAR	352	23	45	252

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	246	311	146	1	0	2	1	707
FEB	0	319	237	54	3	0	0	0	613
MAR	0	232	463	40	0	0	0	0	735
APR	21	266	124	18	5	0	0	0	434
MAY	7	425	186	33	2	0	0	0	653
JUN	10	320	212	110	7	1	0	0	660
JUL	0	201	282	139	14	2	0	0	638
AUG	2	281	255	70	3	2	0	0	613
SEP	1	248	367	61	1	0	0	0	678
OCT	0	221	402	69	2	0	0	0	694
NOV	0	13	480	70	0	0	0	0	563
DEC	0	32	489	162	1	0	0	0	684
YEAR	41	2804	3808	972	39	5	2	1	7672

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87	6	14.3	17.8	21.0	24.5	32.3	38.0	46.3	55.1	252	23.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23	26	29	29	29	27	26	0.00
15	25	23	21	21	19	18	18	17	17	20	21	23	25	25	25	23	27	24	21	21	19	18	17	17	21
16	15	15	15	13	14	14	14	13	13	13	15	18	18	19	19	19	19	17	16	15	14	13	13	13	15
17	12	13	13	13	14	14	15	15	18	19	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	12	12	11	11	11	11	0.00
26	11	11	11	11	11	11	11	12	13	13	11	11	13	13	13	11	13	13	13	13	13	13	13	13	12
27	13	12	10	10	10	10	11	13	13	14	13	13	11	13	12	11	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12
28	20	17	16	16	16	15	15	17	17	16	16	16	15	15	16	17	17	16	16	15	16	17	16	16	16
29	15	15	15	15	15	15	15	16	17	17	17	16	17	17	16	16	21	28	21	19	16	16	17	21	17
30	17	17	17	15	15	15	13	14	14	14	14	14	15	15	14	14	15	15	15	15	15	15	15	15	15
31	15	15	14	14	13	14	15	17	17	17	17	15	15	15	15	15	17	17	17	19	18	19	23	31	17
MEAN	16	15	15	14	14	14	14	15	15	16	16	16	16	17	16	16	18	18	17	18	17	17	17	18	16

PERCENTAGE OF DATA VALID - 28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	18	16	16	15	15	15	16	16	15	15	14	15	15	16	15	17	17	15	16	15	15	15	14	16
2	17	17	17	17	19	17	16	16	16	16	49	24	0.00	0.00	0.00	19	21	20	19	18	17	17	18	17	19
3	15	15	16	15	15	15	15	15	15	15	15	15	16	17	18	19	19	18	17	17	17	16	15	15	16
4	16	16	16	16	17	16	16	15	15	15	15	15	16	16	16	16	27	31	21	19	19	19	18	19	18
5	17	17	17	17	16	16	16	16	16	15	15	15	15	15	15	15	15	15	16	16	16	15	15	15	16
6	15	15	15	15	15	15	15	15	16	16	16	16	17	16	17	17	17	16	16	16	16	15	15	15	16
7	17	16	18	17	17	17	17	17	17	17	17	17	17	18	19	19	21	22	21	21	21	19	19	19	18
8	18	18	18	18	18	17	17	17	17	17	17	17	15	17	15	17	17	16	18	17	17	17	20	21	17
9	21	23	20	23	24	27	31	32	27	26	24	21	15	15	15	15	15	16	16	17	17	17	17	16	20
10	16	17	15	15	15	15	15	17	21	21	19	16	17	17	17	17	17	17	17	17	18	20	21	23	18
11	25	33	35	32	29	27	25	27	31	31	29	23	20	18	18	18	18	19	19	19	19	19	21	21	24
12	18	21	20	20	20	21	21	21	21	22	23	22	26	26	22	21	35	34	29	29	29	31	35	49	26
13	28	26	23	20	19	19	19	18	19	19	19	19	19	19	18	18	18	18	21	19	19	19	19	19	20
14	17	17	16	16	16	16	16	16	17	18	17	17	16	15	15	16	17	17	17	18	19	17	18	30	17
15	19	19	17	17	19	18	17	19	19	19	17	16	17	17	16	16	16	16	16	16	16	16	16	16	17
16	16	16	16	16	16	16	16	16	17	17	17	17	18	19	19	17	19	19	21	22	21	22	27	53	20
17	23	21	17	15	14	14	14	16	16	15	15	15	15	15	15	15	15	16	16	15	17	17	16	17	16
18	16	15	15	15	15	15	15	15	17	17	17	17	17	17	17	17	19	19	17	16	16	17	15	15	16
19	16	19	15	17	17	16	15	14	13	13	13	13	13	14	13	13	13	13	13	13	13	13	13	13	14
20	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	13	13	13	14	13
21	15	14	15	14	15	15	16	17	17	15	14	21	14	17	15	17	19	16	14	15	14	13	13	12	15
22	11	11	11	11	11	11	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	15	14	14	13
23	15	15	15	15	15	15	15	16	15	15	14	15	15	15	15	15	14	15	15	15	15	19	25	25	16
24	18	17	16	16	16	15	16	16	16	16	15	15	17	15	17	17	17	18	17	18	19	18	17	17	17
25	17	17	18	17	17	15	15	17	17	17	17	15	15	15	15	15	17	15	15	15	14	14	15	16	16
26	18	17	18	16	17	17	17	17	17	17	17	16	15	15	15	16	18	17	17	17	17	18	31	25	18
27	19	17	16	16	16	15	15	15	16	15	15	15	15	15	16	17	17	18	20	21	22	22	35	25	19
28	16	16	16	16	16	16	16	17	19	18	17	18	19	18	18	19	19	21	22	22	23	25	20	22	22
29	22	21	21	19	19	19	19	19	19	19	19	19	18	22	21	22	25	25	33	24	23	23	25	20	22
MEAN	18	18	17	17	17	17	17	17	18	17	18	17	16	17	16	17	18	18	18	18	18	19	20	18	

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING RECTORY LONDON FAIR

NO 15001

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	22	20	19	17	19	20	23	23	25	25	27	33	33	37	28	26	22	19	19	19	19	25	17	23
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9	15	16	14	14	15	15	15	18	17	15	15	15	15	15	15	16	18	19	19	18	18	18	19	19	16
10	15	17	17	17	19	20	17	19	16	14	14	14	13	13	13	13	13	15	15	19	20	21	21	17	17
11	17	15	15	15	14	14	15	15	15	16	16	17	17	17	16	19	39	33	23	27	39	35	39	40	22
12	25	23	24	23	19	19	17	18	17	16	16	16	16	15	15	16	17	17	16	17	17	17	15	15	18
13	15	14	14	13	13	13	14	13	13	13	13	13	13	13	13	13	13	13	15	14	13	13	18	13	14
14	13	13	13	13	13	13	14	14	14	15	17	18	19	18	17	19	17	17	17	15	16	17	16	16	16
15	16	16	15	15	16	16	15	17	17	16	16	15	16	17	17	19	19	21	21	19	17	17	23	17	17
16	15	17	16	15	15	15	15	17	17	17	17	17	17	17	17	18	23	23	25	22	20	19	19	18	18
17	18	17	17	17	17	17	15	16	17	17	17	17	16	15	15	15	15	15	15	15	15	17	14	14	16
18	13	13	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	17	15	15	15	15	15	15	13
19	15	15	15	15	15	15	15	13	13	13	13	13	13	13	13	13	13	13	13	15	15	17	15	15	14
20	15	13	13	13	13	14	15	15	15	14	14	13	13	36	23	15	15	15	16	19	17	18	25	25	17
21	15	15	15	15	15	15	15	16	15	15	15	15	17	17	15	15	15	15	16	16	16	15	14	14	15
22	14	14	14	15	15	15	15	15	14	13	14	15	15	15	16	23	27	17	15	15	15	15	13	15	16
23	13	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13	14	14	14	14	13	13	13
24	13	13	13	13	13	13	12	12	12	11	11	11	13	13	13	14	13	13	13	13	15	15	15	15	13
25	16	17	17	16	15	15	15	15	15	15	15	15	13	13	13	13	18	16	14	14	14	14	14	15	15
26	15	15	15	14	14	13	13	13	13	13	13	13	12	12	12	12	12	13	15	16	17	17	17	14	14
27	17	16	15	15	15	14	15	16	16	15	13	14	15	15	14	14	13	14	14	14	15	16	16	15	15
28	15	15	14	14	14	13	14	15	13	12	11	13	17	13	12	13	13	13	13	15	15	15	15	15	14
29	15	17	15	15	15	15	15	15	13	13	13	13	13	15	14	13	14	14	14	16	15	16	17	19	15
30	14	13	13	13	13	13	13	14	14	15	15	14	14	14	15	15	16	16	15	15	15	16	17	17	15
31	17	17	17	15	15	15	15	15	16	13	13	13	14	13	16	14	14	14	15	15	15	15	15	15	15
MEAN	16	16	15	15	15	15	15	15	15	15	15	15	15	16	16	16	17	16	16	17	17	17	18	17	16

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING RECTORY LONDON FAIR

NO 15001

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	19	17	17	17	17	15	17	17	17	17	17	17	17	15	17	18	15	15	15	15	19	18	17
2	16	15	15	15	15	15	14	14	14	14	13	13	13	13	13	13	13	14	14	15	15	15	14	14	14
3	14	14	14	14	15	15	16	16	15	14	14	15	14	14	14	15	15	16	17	19	17	15	22	23	16
4	15	15	14	15	16	16	15	15	15	15	12	13	13	13	13	13	15	15	14	15	15	15	15	15	14
5	15	13	13	13	13	13	13	14	15	13	14	15	16	14	14	13	19	16	14	16	16	16	14	16	15
6	15	15	13	13	15	15	14	13	11	11	9	9	14	14	14	13	13	13	13	12	11	11	10	10	13
7	13	13	12	11	12	12	12	11	11	11	9	10	13	13	13	13	11	11	11	11	11	11	10	10	11
8	13	13	13	10	10	10	10	10	8	8	8	8	13	14	14	14	13	16	13	13	12	11	12	12	11
9	14	15	14	14	12	12	12	13	12	12	12	12	13	14	14	14	13	14	13	13	13	13	13	13	13
10	14	14	13	13	13	13	13	13	13	13	11	10	13	13	13	12	13	13	13	16	16	16	17	19	14
11	15	16	13	14	14	14	14	14	14	15	13	15	18		13	12	13	15	15	15	15	13	13	15	14
12	16	15	14	13	12	13	13	12	11	10	9	9	13	13	13	11	12	12	13	13	13	12	12	21	13
13	13	13	12	11	11	11	11	16	15	12	11	11	14	14											
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17																14	15	14	14	16	20	25	25	23	****
18	19	19	18	16	15	15	18	20	19	17	15	15	15	15	15	15	15	15	19	18	17	17	18	17	17
19	17	18	17	16	20	17	17	19	23	23	23	20	21	20	19	18	20	20	20	21	21	19	18	23	20
20	13	12	11	11	10	11	11	11	11	12	12	11	17	14	13	13	13	13	15	16	17	18	17	18	13
21	19	21	31	34	25	24	23	20	18	16	15	15	14	14	14	14	14	14	13	13	11	11	11	11	17
22	12	13	12	11	12	12	12	13	11	11	13	14	17	18	16	17	22	22	17	17	17	21	18	15	15
23	17	16	15	16	16	15	15	15	15	15	15	15	14	15	15	16	15	15	17	17	17	17	17	16	16
24	17	17	17	16	16	17	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16
25																14	15	15	15	15	15	15	16	15	****
26	14	15	15	15	15	15	15	15	15	14	14	14	15	14	14	15	15	15	15	17	18	17	17	19	15
27	17	17	17	16	15	15	14	14	13	13	13	13	13	13	13	14	15	15	17	18	20	23	25	16	16
28	25	27	24	21	19	19	17	21	23	21	18	17	17	16	17	18	18	17	18	20	21	21	23	20	20
29	23	25	26	32	35	33	21	16	15	15	16	16	18	20	19	18	21	22	19	21	20	21	21	25	22
30	21	20	22	18	17	18	17	18	17	18	17	17	17	17	17	16	15	16	17	18	20	20	18	19	18
MEAN	16	16	16	16	16	15	15	15	15	14	14	14	15	15	15	14	15	15	15	16	16	16	17	18	15

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAY 72

STATION - KING/RECTORY LONDON FAIR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	19	20	23	24	25	25	25	21	21	19	18	18	17	17	17	20	21	18	18	16	16	15	20
2	14	15	16	16	16	16	17	17	16	16	15	15	15	13	13	15	14	14	14	14	15	16	16	15	15
3	13	13	12	12	14	13	14	14	13	17	15	14	15	16	15	15	15	17	15	17	18	17	19	15	15
4	17	17	19	17	15	15	16	14	14	13	13	13	13	14	14	15	15	14	14	13	13	13	13	14	15
5	13	13	14	14	13	14	14	15	14	14	13	14	15	15	15	17	17	17	19	22	22	25	24	23	17
6	22	23	22	21	19	21	22	21	20	20	21	19	19	19	19	20	19	19	19	19	26	20	23	17	20
7	16	15	14	13	13	14	13	13	13	13	13	13	12	12	13	12	12	12	12	13	15	22	15	13	14
8	14	14	14	13	13	13	13	13	12	11	11	12	11	12	15	15	15	14	15	15	15	18	17	15	14
9	15	14	14	15	15	16	16	17	16	16	19	19	16	16	15	15	15	15	15	15	16	17	16	17	16
10	17	17	17	18	18	19	18	18	17	17	21	21	20	19	17	18	17	17	17	19	21	26	25	21	19
11	18	18	17	17	17	17	18	18	17	17	17	17	17	14	11	12	13	13	14	15	17	17	16	16	16
12	16	17	17	18	22	25	22	18	15	15	14	14	14	11	15	16	16	16	16	16	19	19	19	19	17
13	17	19	20	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
14																									
15																									
16																									
17																									
18	15	14	13	13	13	14	14	14	15	14	15	14	15	18	20	19	17	19	17	20	23	27	40	45	19
19	39	42	43	42	43	46	46	35	27	20	17	16	15	15	15	15	15	20	20	24	26	28	28	24	28
20	14	18	15	16	15	13	13	12	10	10	10	10	10	11	11	11	11	11	11	13	16	15	13	13	14
21	17	17	19	19	19	23	20	17	13	13	13	14	13	13	13	13	13	13	15	14	15	15	13	13	15
22	13	13	12	11	11	11	11	11	11	9	8	9	7	7	7	7	7	9	15	12	11	19	13	12	11
23	11	11	9	9	9	9	11	11	11	12	13	12	13	12	13	13	13	15	16	16	16	19	20	19	13
24	21	21	19	19	21	24	26	19	13	15	15	15	11	11	10	10	11	13	12	11	16	15	11	12	16
25	13	11	12	12	11	12	11	10	9	9	8	7	7	7	7	7	7	10	10	12	12	13	9	10	10
26	9	8	8	8	8	8	8	9	9	9	10	11	10	10	9	9	9	10	11	12	13	12	11	10	10
27	11	12	12	12	13	13	14	11	12	12	12	12	10	10	12	13	10	12	15	15	21	25	16	13	13
28	16	13	13	13	15	14	13	12	12	12	12	11	11	11	11	11	13	14	17	17	18	19	17	17	14
29	14	14	13	13	15	17	17	15	13	11	11	11	11	13	13	14	13	13	15	14	17	16	13	14	14
30	15	15	14	14	13	17	17	17	20	14	15	16	19	19	22	24	27	24	24	22	21	15	13	13	18
31	11	11	11	11	10	10	10	10	10	10	11	11	10	10	10	10	10	10	11	11	12	11	11	11	11
MEAN	16	16	16	16	16	17	17	16	14	14	14	14	13	13	14	14	14	14	16	16	17	18	18	16	15

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	7	7	7	7	8	8	8	8	8	8	9	9	9	10	9	9	11	11	11	13	17	13	9
2	12	13	13	13	13	13	13	15	15	12	10	12	10	23	23	21	20	20	19	20	29	37	35	29	18
3	24	23	23	23	21	23	20	23	20	20	21	21	23	23	24	25	25	25	27	29	29	32	50	30	25
4	25	25	24	23	26	23	22	22	21	20	19	19	18	19	20	20	20	20	20	19	19	19	20	20	21
5	21	21	21	21	21	21	19	19	19	19	18	18	18	18	18	18	19	21	23	21	22	25	23	23	20
6	21	20	20	20	23	23	21	21	21	21	21	20	19	19	17	17	17	17	17	18	19	19	20	19	20
7	19	19	17	17	17	19	19	19	19	19	18	18	19	18	18	20	19	19	22	25	23	27	29	23	20
8	19	20	19	18	19	20	20	21	20	19	19	20	21	20	35	24	23	23	26	22	22	23	20	20	21
9	17	17	16	17	19	19	19	19	19	19	19	19	18	17	17	17	17	17	17	18	17	17	17	17	18
10	16	13	15	15	14	14	14	14	14	15	15	16	15	15	15	15	17	17	21	21	18	18	21	19	16
11	17	16	15	15	15	14	14	16	16	16	16	16	17	17	17	17	17	17	17	19	18	18	17	17	16
12	15	17	17	17	17	17	20	20	20	19	19	20	20	20	21	22	21	23	24	24	24	36	23	21	
13	19	21	21	22	20	23	23	23	21	21	21	20	21	19	19	19	19	19	19	21	19	18	18	19	20
14	21	21	21	20	20	19	21	21	21	20	21	23	23	23	21	22	22	25	27	27	25	31	23	23	
15	19	19	18	17	17	17	18	20	21	20	19	19	17	17	19	17	19	19	21	21	21	23	20	19	19
16	18	17	17	17	17	17	15	15	15	14	14	15	18	17	17	17	18	18	18	18	18	15	15	16	
17	18	18	18	18	17	17	17	16	16	16	15	15	13	15	15	15	15	15	19	16	17	19	28	18	17
18	17	17	16	16	17	17	15	15	14	14	15	15	14	13	14	14	14	15	15	13	13	16	16	16	15
19	15	15	15	17	20	21	22	23	23	19	18	17	18	20	21	21	23	23	27	26	25	25	26	22	21
20	21	22	23	21	23	22	22	27	29	29	29	17	16	13	13	16	16	15	15	13	13	13	13	13	19
21	13	14	14	14	13	13	14	14	13	14	14	14	13	13	11	13	11	11	11	11	11	11	11	11	13
22	10	9	9	9	9	9	9	8	7	7	7	7	7	8	9	9	9	9	9	9	8	8	7	8	
23	6	6	6	6	6	6	7	7	9	8	9	9	9	9	9	9	9	9	10	11	9	8	8	8	
24	9	9	9	9	9	9	9	9	8	8	9	9	10	10	10	11	11	11	16	17	15	22	19	11	
25	15	13	12	10	10	10	10	10	9	9	9	9	10	10	10	11	12	10	11	13	13	13	13	11	
26	13	11	11	11	11	11	11	12	13	14	13	11	10	10	10	10	11	11	15	18	20	23	23	21	14
27	18	21	19	18	19	17	17	15	12	12	11	10	11	11	11	13	13	14	15	17	16	16	16	15	
28	17	18	21	24	27	26	23	20	17	15	13	17	17	15	14	14	14	15	17	17	15	17	14	11	17
29	11	10	10	9	11	11	13	15	13	14	12	13	12	12	10	10	10	10	10	10	11	11	10	8	11
30	9	7	7	7	10	9	10	10	11	11	15	17	17	11	10	17	15	11	18	14	15	19	17	15	13
MEAN	16	16	16	16	16	16	16	17	16	16	16	15	15	15	16	16	16	17	18	18	18	19	20	18	17

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	12	11	11	11	11	11	11	11	9	9	10	11	11	11	11	11	11	16	18	17	17	33	28	14
2	20	13	6	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3																									
4																									
5																									
6																									
7	21	23	25	27	26	29	29	24	19	16	14	16	15	15	16	16	16	17	19	19	17	20	22	19	20
8	18	17	17	17	17	17	17	17	18	17	16	15	15	15	15	15	17	18	20	21	19	21	29	23	18
9	21	21	21	21	21	21	21	21	18	17	17	16	17	17	18	17									19
10																									
11																									
12																									
13	23	25	25	21	22	23	25	24	23	22	22	23	24	22	21	21	22	22	22	22	22	22	25	24	23
14	21	21	22	23	23	22	24	23	22	22	22	23	24	22	21	21	22	22	22	22	22	21	20	19	22
15	19	19	18	18	18	18	18	17	17	17	17	18	18	18	18	18	19	21	21	23	25	25	27	25	20
16	24	23	23	25	29	29	28	26	23	23	22	21	19	19	20	20	19	19	20	21	23	24	29	31	23
17	28	27	27	29	28	29	29	31	26	23	23	23	23	23	23	23	23	23	23	25	24	25	24	23	25
18	23	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
19																									
20	22	21	21	21	23	25	25	25	23	24	23	23	24	25	23	23	22	22	23	22	23	23	23	25	23
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	21	20	20	20	22	22	23	22	20	19	19	20	19	19	19	19	20	20	21	21	21	22	25	23	21
PERCENTAGE OF DATA VALID -	36																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11	31	34	33	35	34	35	38	33	26	23	21	21	21	21	27	23	23	23	24	24	24	24	24	25	27
12	24	26	27	26	31	29	28	27	27	26	26	25	24	23	22	21	21	21	21	26	36	49	49	58	29
13	51	57	55	54	57	54	43	33	27	23	21	20	20	22	21	21	21	22	22	23	24	25	27	27	32
14	26	27	28	27	28	29	30	30	29	28	26	27	26	25	24	23	22	21	22	23	24	28	25	24	26
15	24	24	26	26	26	28	28	25	21	19	19	19	21	22	22	21	22	23	24	25	25	25	26	24	24
16	25	26	26	26	26	28	28	26	26	25	26	38	26	30	30	28	26	23	22	21	21	19	20	20	25
17	20	17	17	18	18	18	19	21	19	19	19	19	18	17	17	17	17	17	17	20	20	21	20	20	19
18	20	21	21	20	20	22	21	21	19	18	19	19	19	19	19	19	19	19	19	21	23	23	25	28	21
19	27	27	27	27	27	28	28	30	23	20	19	19	18	18	18	18	18	18	18	18	19	21	21	21	22
20	23	23	23	23	23	23	21	21	19	18	17	18	18	18	19	18	18	19	19	19	21	22	23	24	20
21	25	25	25	26	27	29	29	26	22	20	20	20	20	20	20	21	21	20	20	19	21	23	24	24	23
22	24	25	25	25	25	26	29	27	25	24	23	21	21	20	20	20	20	21	18	19	18	19	19	19	22
23	21	22	21	23	23	23	25	25	23	22	24	20	20	33	31	28	24	23	22	23	23	23	23	25	24
24	26	25	24	23	24	25	26	25	23	21	20	19	19	20	20	20	19	21	21	21	21	20	19	19	22
25	20	21	21	22	22	23	25	23	21	20	19	19	19	20	19	20	19	21	21	21	21	23	25	27	21
26	24	25	24	22	22	22	22	21	19	18	18	17	16	17	17	17	18	18	18	18	17	17	17	17	19
27	16	19	19	19	19	19	19	19	17	16	15	15	15	15	15	16	16	17	17	17	17	17	17	17	19
28	16	16	16	16	16	16	17	18	17	17	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17
29	17	17	18	17	17	17	20	20	17	16	18	23	17	17	17	17	17	17	17	17	17	17	17	17	17
30	22	26	25	26	26	25	27	28	23	19	17	16	17	16	17	19	18	17	17	17	15	16	17	20	17
31	19	20	19	19	20	21	23	25	19	18	17	16	15	16	16	16	16	16	17	17	17	16	16	17	18
MEAN	24	25	25	25	25	26	26	25	22	20	20	21	19	20	20	20	20	20	20	21	22	22	23	24	22
PERCENTAGE OF DATA VALID -	68																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	19	21	19	22	22	21	22	19	19	19	19	19	19	19	20	20	19	19	21	19	18	17	18	19
2	20	21	21	19	17	15	13	13	13	12	12	12	12	14	13	13	15	15	15	14	14	13	13	13	15
3	14	13	13	13	13	14	14	13	13	13	13	12	12	12	11	11	11	11	11	11	13	13	14	14	13
4	13	13	13	13	13																				
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	41	40	45	41	37	37	37	28	20	15	13	13	11	11	11	15	13	13	17	19	17	19	17	17	23
16	17	16	16	15	15	16	17	19	16	13	15	12	11	12	13	14	31	14	15	15	15	17	14	13	15
17	10	10	9	9	9	9	10	11	11	10	9	10	9	9	9	12	13	11	13	14	13	13	13	13	11
18	15	16	17	17	15	14	15	15	13	11	11	10	11	12	12	12	11	10	12	12	12	13	13	15	13
19	14	14	13	12	13	13	13																		
20																									
21	24	24	22	22	21	23	22	23	20	18	17	17	17	17	17	19	20	19	20	20	21	20	21	21	20
22	21	21	22	22	23	23	24	23	21	21	21	20	19	20	21	21	21	21	22	22	23	24	25	24	22
23	23	24	24	23	23	23	23	21	19	18	17	15	15	15	15	15	15	16	17	16	16	16	17	17	18
24	16	18	18	17	18	17	17	18	18	17	17	16	15	15	15	14	15	15	15	15	16	16	16	16	16
25	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
26	21	19																							
27	22	21	20	20	17	17	19	20	19	17	18	18	17	17	17	19	19	19	20	22	21	21	21	21	21
28	16	15	15	17	17	17	18	18	17	17	17	17	17	17	19	19	19	19	20	22	21	21	21	21	21
29																									
30	14	14	14	14	14	14	14	15	15	15	15	16	15	15	14	15	15	16	20	22	23	33	54	28	19
MEAN	18	19	19	18	18	18	18	19	17	16	16	16	16	16	16	17	19	17	18	18	19	20	21	20	18

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	21	19	19	19	19	19	19	17	15	15	15	15	15	15	15	17	18	18	18	18	17	18	17	18
2	17	18	17	17	18	22	25	37	27	23	21	22	22	22	23	25	24	25	28	25	28	45	47	30	25
3	29	27	25	25	26	27	31	31	30	27	25	24	23	23	24	25	24	25	27	31	29	27	26	26	27
4	23	23	23	23	22	22	24	24	23	21	21	21	21	21	21	21	23	22	25	24	25	29	24	21	23
5	21	21	21	21	21	21	23	22	22	21	21	21	21	20	21	23	23	25	29	29	30	27	23	21	23
6	22	21	22	27	27	25	26	31	23	24	25	24	25	26	29	27	26	25	25	28	25	24	24	25	25
7	21	19	18	17	17	17	16	16	16	16	16	17	16	16	16	16	17	18	24	25	25	35	47	41	21
8	43	30	21	20	19	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	15	19
9	15	15	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	19	23	33	41	50	49	47	23
10	47	41	35	33	31	33	37	41	29	23	19	18	17	17	15	15	17	17	17	17	17	19	18	18	25
11	19	19	20	20	21	21	23	22	24	24	23	23	23	21	21	22	22	22	22	19	19	21	20	18	21
12	19	19	19	19	19	19	18	19	17	17	17	15	19	19	19	19	19	19	17	16	17	17	17	17	18
13	15	15	15	13	13	15	15	15	15	14	13	13	19	19	19	18	19	19	19	20	19	20	19	16	17
14	19	17	17	17	16	16	16	16	16	16	16	17	19	18	17	16	16	16	16	19	17	17	39	26	18
15	23	19	18	17	17	15	15	14	14	14	13	13	17	15	15	15	15	16	17	16	16	15	14	13	16
16	17	17	16	14	17	14	15	15	17	17	15	15	18	18	17	17	15	15	17	15	15	17	15	13	16
17	15	14	14	13	13	13	15	17					19	19	19	19	19	19	19	19	19	19	20	21	17
18	20	20	20	20	21	25	29	36	31	29	23	21	20	19	19	19	19	19	19	20	20	21	21	20	22
19	20	20	21	21	21	21	22	25	24	21	19	19	18	18	18	19	19	19	19	21	21	22	25	32	27
20	39	35	29	31	34	36	45	53	42	27	21	19	19	17	18	19	20	20	21	21	23	30	31	36	29
21	33	30	28	30	31	30	31	33	28	27	24	23	21	19	20	21	22	25	27	25	22	32	39	27	27
22	25	23	21	20	19	19	18	18	19	19	22	21	20	20	17	20	19	18	18	19	20	19	19	19	20
23	17	19	17	17	17	17	17	18	17	17	17	21	19	18	18	20	20	19	22	20	19	23	21	17	19
24	16	16	16	16	15	15	15	15	15	16	17	17	17	16	16	16	16	16	17	17	17	16	15	15	16
25	15	14	14	15	15	15	17	17	17	16	16	17	17	17	17	18	19	21	23	22	24	25	20	17	18
26	17	17	17	16	17	16	17	19	21	20	21	19	19	19	19	20	21	21	24	24	29	35	39	41	22
27	41	31	28	27	23	25	36	44	41	32	25	23	20	19	19	19	19	21	27	27	26	29	37	24	28
28	24	25	24	24	22	21	21	21	20	19	20	20	20	20	21	21	21	20	21	23	25	26	25	22	22
29	22	19	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
30	17	18	18	17	17	17	17	17	17	16	16	16	16	16	16	16	16	18	21	22	21	19	19	19	18
31	18	18	18	18	17	17	18	18	18	18	17	17	17	16	16	16	16	16	16	16	16	16	16	16	17
MEAN	23	21	20	20	20	20	22	23	22	20	19	19	19	19	19	19	19	20	21	21	22	24	25	23	21

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
	STATION - KING/RECTORY LONDON FAIR												NO 15001													
													MONTH NOV 72													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	15	15	15	16	16	17	17	17	17	17	17	17	17	17	17	17	18	18	17	21	21	19	27	21	18	
2	19	18	18	19	19	18	19	20	20	21	21	23	24	23	21	21	21	19	19	18	18	19	17	20		
3	17	17	17	17	17	17	19	19	20	19	19	18	18	18	17	17	17	17	17	17	18	18	25	18	18	
4	17	17	16	16	17	17	17	17	18	19	19	19	19	18	18	18	19	18	18	22	21	21	20	23	19	
5	21	21	18	17	17	17	17	17	17	17	17	17	17	17	17	17	21	21	21	22	21	21	21	23	19	
6	23	21	20	18	19	18	19	18	19	17	18	17	18	16	15	16	21	22	21	21	21	21	23	26	19	
7	23	21	21	21	21	21	20	20	22	21	20	19	18	18	18	17	17	17	17	17	17	15	15	19		
8	16	16	16	15	16	16	16	16	17	17	15	15	15	15	15	15	15	14	13	13	13	13	13	15	19	
9	14	14	13	13	13	13	13	13	15	16	16	16	17	17	17	17	17	17	18	19	19	19	21	21	16	
10	19	17	17	17	17	17	17	17	17	17	16	16	16	16	17	16	17	17	18	19	19	19	19	17		
11	18	17	17	17	17	17	17	17	17	16	18	18	19	19	19	18	18	19	19	21	25	24	24	29	19	
12	27	24	23	21	20	19	19	19	19	19	19	19	19	19	19	20	20	20	20	19	19	21	21	21	20	
13	23	23	23	21	21	19	19	19	21	20	17	16	16	16	15	17	17	17	16	16	17	17	17	17	18	
14	16	15	16	15	15	15	15	15	19	19	19	18	19	19	19	19	19	18	18	17	16	17	35	24	18	
15	23	21	20	19	19	19	19	19	19	20	19	19	19	19	21	21	21	21	21	21	20	20	20	21	20	
16	23	25	25	24	23	20	20	20	20	20	19	17	17	17	17	17	17	17	20	19	19	20	21	23	20	
17	21	22	20	18	18	18	19	19	20	20	19	19	18	17	17	18	19	21	21	19	18	20	21	20	19	
18	19	21	20	20	19	19	19	22	23	23	21	21	20	20	20	21	21	22	23	24	24	25	27	29	22	
19	26	23	23	21	19	19	18	19	18	17	17	19	17	19	16	17	17	17	17	17	17	17	17	17	19	
20	18	18	18	17	17	16	17	18	20	21	17	19	18	17	17	18	19	19	19	21	19	19	21	20	18	
21	20	19	18	17	19	16	18	19	21	19	17	19	17	17	17	19	19	19	20	20	19	21	21	18	19	
22	17	17	16	15	14	16	17	17	17	18	18	16	17	17	17	17	17	17	19	19	19	21	21	22	17	
23	19	18	17	16	15	15	16	18	23	19	19	19	18	19	19	18	20	19	17	18	19	18	17	17	18	
24	15	13	14	14	14	13	13	16	16	15	15	15	20	20	21	21	21	23	21	19	19	18	18	23	17	
25	21	21	21	19	19	19	19	21	29	28	23	23	21	20	20	21	22	21	19	16	12	13	11	12	20	
26	17	17	16	15	15	15	15	15	15	15	15	15	18	16	16	16	16	16	16	15	16	15	15	15	16	
27	17	17	16	15	16	15	14	15	16	15	15	14	17	16	17	17	19	19	17	17	16	15	15	17	16	
28	18	16	15	15	15	16	16	18	18	18	17	18	19	23	31	29	34	31	22	17	17	17	17	15	20	
29	18	18	18	17	17	17	17	17	20	20	20	23	21	19	18	21	22	22	19	17	18	19	23	19	19	
30	28	29	27	26	26	23	21	21	22	21	19	17	21	19	20	20	20	21	21	21	22	21	19	16	22	
MEAN	20	19	18	18	18	17	17	18	19	19	18	18	18	18	18	18	19	19	19	19	19	20	20	19		
PERCENTAGE OF DATA VALID - 98																										

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION																								
	STATION - KING/RECTORY LONDON FAIR												NO 15001												MONTH DEC 72												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN												
1	20	17	17	16	15	15	14	13	15	26	27	21	21	21	21	23	23	26	25	23	23	23	23	22	20												
2	22	23	23	23	23	23	23	25	26	27	27	25	25	25	25	25	33	31	28	29	29	27	25	26	26												
3	23	24	24	23	22	22	21	20	20	20	20	21	21	21	21	21	21	21	21	21	25	25	26	25	22												
4	23	22	21	21	21	21	21	21	21	21	21	21	21	22	21	21	21	21	22	21	21	21	22	25	21												
5	22	21	22	22	21	21	22	23	23	23	24	24	23	25	25	27	27	27	26	25	25	27	25	23	24												
6	22	23	23	22	23	23	23	23	23	23	22	21	21	23	23	23	25	23	23	22	22	22	21	21	23												
7	21	23	22	21	22	22	22	23	25	24	23	23	23	22	23	24	23	23	24	25	25	23	23	23	23												
8	23	21	21	21	23	22	23	23	25	25	24	25	25	25	25	24	25	27	28	29	28	27	30	31	25												
9	28	27	27	26	25	25	25	25	25	25	26	26	26	25	25	27	29	29	28	27	26	26	28	27	26												
10	26	29	26	25	26	25	24	25	26	25	25	25	25	24	24	24	23	21	21	21	21	21	21	21	24												
11	21	23	22	21	22	22	23	24	29	21	17	17	17	17	17	18	20	23	23	23	24	26	29	29	22												
12	31	32	27	21	19	19	18	18	20	19	19	20	19	19	19	19	20	22	20	23	23	23	20	19	21												
13	18	18	18	18	17	17	17	18	17	17	17	17	18	18	18	18	19	19	19	19	20	20	19	19	18												
14	18	18	17	17	17	17	19	19	19	19	18	17	18	18	18	18	23	21	19	19	19	19	19	19	19												
15	18	17	17	16	16	16	16	17	15	15	15	15	15	15	15	16	17	18	19	19	17	17	17	15	16												
16	15	15	15	15	15	15	15	15	15	15	15	16	15	15	15	15	15	15	15	15	15	15	15	15	15												
17	15	15	15	15	15	15	15	15	15	15	16	16	16	16	17	18	20	19	18	17	16	15	15	16	16												
18	16	16	16	16	16	15	15	17	20	18	17	18	18	18	18	21	20	23	20	24	22	21	20	25	19												
19	21	18	18	17	17	17	17	20	21	20	20	20	28	23	20	20	22	23	20	20	20	20	20	21	20												
20	19	19	19	23	20	19	20	21	21	19	19	19	18	19	18	17	18	17	17	17	16	17	17	17	19												
21	17	17	17	17	17	17	17	19	20	20	20	21	21	21	21	21	23	23	23	22	22	23	23	22	20												
22	21	21	21	21	21	21	21	22	23	25	24	25	25	25	27	27	25	26	27	27	26	26	25	25	24												
23	24	24	24	24	24	24	25	23	24	26	27	27	28	27	27	29	29	28	27	27	26	25	26	30	26												
24	25	24	23	23	23	23	21	21	20	21	21	21	21	21	21	20	20	21	21	21	21	21	21	21	22												
25	21	23	22	21	21	21	21	21	21	20	21	21	21	21	22	22	22	21	21	21	21	22	22	21	21												
26	19	19	19	19	19	19	19	20	19	20	21	21	22	23	24	23	26	25	21	19	19	17	18	18	20												
27	18	17	17	17	17	17	17	19	21	19	19	18	19	18	19	19	21	19	20	21	22	19	18	18	19												
28	17	17	16	16	16	16	16	18	16	16	16	16	17	17	17	17	19	18	18	18	18	18	18	18	18												
29	17	17	17	17	17	17	17	19	19	18	18	18	19	19	19	18	19	18	19	18	18	18	18	18	18												
30	19	19	19	19	19	20	20	21	22	23	24	25	27	29	31	30	57	34	26	26	22	23	30	32	26												
31	22	21	20	20	18	18	18	20	19	19	19	19	19	18	18	18	19	19	19	19	18	18	18	18	19												
MEAN	21	21	20	20	20	19	20	20	21	21	21	21	21	21	21	21	23	23	22	22	22	21	22	22	21												
PERCENTAGE OF DATA VALID -					99																																

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	11	16	21	31
FEB	29	18	26	53
MAR	25	16	23	40
APR	27	15	22	35
MAY	29	15	28	46
JUN	30	17	25	50
JUL	15	21	25	33
AUG	22	22	32	58
SEP	21	18	24	54
OCT	31	21	29	53
NOV	30	19	22	35
DEC	31	21	26	57
YEAR	301	18	32	58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	4	177	28	1	0	0	0	0	210
FEB	0	583	92	18	0	0	0	0	693
MAR	0	540	36	10	0	0	0	0	586
APR	21	517	60	5	0	0	0	0	603
MAY	68	507	77	10	0	0	0	0	662
JUN	117	398	194	7	0	0	0	0	716
JUL	5	91	175	3	0	0	0	0	274
AUG	0	185	296	27	0	0	0	0	508
SEP	15	261	123	13	0	0	0	0	412
OCT	0	412	276	55	0	0	0	0	743
NOV	0	496	206	4	0	0	0	0	706
DEC	0	288	443	9	0	0	0	0	740
YEAR	230	4455	2006	162	0	0	0	0	6853

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	FREQUENCY 50	CONCENTRATIONS DISTRIBUTION 70	90	PERCENT 95	98	99	MAX	ARITH MEAN
78	3	12.2	14.8	16.8	19.4	23.9	26.5	30.7	36.1	58	18.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24	13	13	13	13	13	12	13	13	12	12	12	13	13	13	13	13	13	13	14	14	13	13	14	13	
25	14	13	12	12	12	11	11	10	10	10	11	11	11	11	11	11	13	12	14	14	15	14	14	14	12
26	14	14	15	15	15	14	14	14	13	13	14	15	15	16	16	17	18	18	18	17	17	16	16	17	15
27	16	16	16	16	16	15	15	15	15	16	16	17	18	19	20	22	27	28	28	28	27	26	25	25	20
28	25	22	20	19	21	22	23	20	20	19															
29																									
30																									
MEAN	15	14	14	14	14	14	14	13	13	13	12	13	13	14	14	15	17	16	17	16	16	15	15	15	14
PERCENTAGE OF DATA VALID	19																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7	13	13	17	27	29	24	28	24	24	25	22	20	17	14	10	7	9	9	8	9	11	12	11	10	12
8	28	28	35	31	34	30	29	29	31	30	27	25	28	27	23	17	16	15	14	15	15	19	22	25	25
9	26	29	37	34	28	30	31	31	32	33	32	31	27	20	16	15	16	15	11	7	5	5	5	4	22
10	4	6	7	10	11	10	9	8	8	10	11	11	11	10	9	9	10	12	12	12	13	14	16	17	10
11	17	17																							
12																									
13	9	9	10	11	10	9				11	4	4	4	6	8	10	14	14	12	9	10	10	11	9	
14	15	14	9	8	10	11	13	11																	
15																									
16	6	8	10	10	13	14	15	16	19	20	22	22	19	13	7	6	16	13	15	17	17	16	18	20	15
17	21	22	19	19	19	20	21	20	18	14	13	11	9	6	5	8	17	17	19	22	24	24	23	24	17
18	24	24	25	23	17	16	13	10	8	5	5	5	5	8	10	13	23	22	20	20	17	15	16	16	15
19	13	11	9	10	11	11	10	9	8	8			9	9	10	11	13	13	12	12	12	11	12	11	11
20	22	11	9	10	9	7	8	10	11	13	13	13	14	15	17	18	21	23	23	23	22	20	19	18	15
21	18	17	16	15	15	14	14	14	14	15	15	16	17	17	19	21	22	25	27	27	25	24	23	22	19
22	22	21	20	18	18	18	17	18	16	16	17	17													
23	20	19	19	25	19	18	17	17	17	18	18	19	20	20	21	21	19	19	20	20	19	18	17	17	19
24	17	16	15	15	15	14	12	12	13	13	14	14	15	16	17	18	19	19	19	20	18	17	16	16	16
25	15	15	14	14	14	13	12	12	12	12	12														
26																									
27																									
28																									
29																									
30																									
31																8	10	13	15	17	19	19	20	20	
MEAN	17	16	17	18	17	16	17	16	17	16	16	16	15	14	13	13	16	17	17	17	16	16	16	16	16
PERCENTAGE OF DATA VALID	49																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	21	21	22	23	24	25	27	31	34	33	28	29	22	18	17	18	21	24	29	36	32	39	48	27
2	39	39	37	41	43	45	43	40	41	37	33	30	27	25	25	27	28	27	27	30	32	26	20	18	33
3	19	21	22	24	27	29	29	25	19	20	21	21	21	21	18	18	18	22	27	31	35	37	38	41	25
4	42	43	41	37	32	28	26	24	20	17	15	16	16	16	16	16	18	20	24	27	32	32	30	34	26
5	31	34	37	35	36	37	39	38	38	34	32	30	25	21	18	18	18	19	21	25	28	28	29	30	29
6	32	32	33	32	34	36	38	45	46	42	35	32	27	25	26	29	31	33	31	30	30	28	27	26	33
7	25	28	30	32	33	33	26	18	18	23	27	31	35	36	34	29	26	24	25	26	26	25	24	24	27
8	25	26	26	26	26	27	30	31	32	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
9																									
10																									
11																									
12																									
13																									
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24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	29	31	31	31	32	32	32	31	31	30	28	27	26	24	22	22	22	24	26	28	31	30	30	32	28

PERCENTAGE OF DATA VALID - 23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	21	21	21	21	21	21	22	21	20	20	19	19	19	18	19	19	20	23	25	38	30	27	26	24	22
6	27	26	26	23	24	22	22	24	27	25	25	25	19	17	18	23	27	29	27	24	27	31	30	27	25
7	26	22	18	17	16	16	14	13	13	13	13	12	13	15	17	18	19	21	21	25	29	28	28	29	19
8	31	30	31	28	22	21	21	19	17	16	16	14	13	13	13	13	13	14	15	17	19	21	20	18	19
9	18	19	21	24	25	26	24	23	22	21	19	18	17	17	17	17	17	17	18	22	26	30	34	35	22
10	38	38	38	39	40	39	38	33	26	25	25	25	22	22	22	22	23	24	26	27	26	28	30	30	
11	27	29	28	26	25	24	25	24	24	24	24	21	20	20	20	20	21	21	20	20	20	20	20	20	23
12	20	20	20	21	21	22	23	25	24	23	21	20	19	19	19	19	19	19	19	19	19	19	19	19	20
13	19	20	20	21	23	23	24	28	27	23	20	20	19	18	17	16	16	16	17	19	19	19	20	20	20
14	20	20	19	18	17	18	18	17	17	17	18	18	19	20	20	19	18	18	18	19	19	19	19	19	19
15	20	21	20	19	20	21	21	21	21	20	19	18	16	16	16	16	16	17	19	19	19	19	18	18	19
16	19	18	17	18	19	18	18	17	17	17	17	15	14	13	14	14	14	14	13	13	13	13	14	14	16
17	14	14	13	13	14	14	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	18
18	24	24	23	23	24	24	24	26	23	21	18	18	17	18	18	17	18	18	18	18	18	18	18	18	20
19	20	20	21	21	21	20	20	21	23	22	21	20	20	20	20	20	21	21	22	22	22	23	24	25	21
20	25	27	27	29	26	28	28	29	31	28	28	17	17	17	17	17	17	18	19	20	24	22	22	21	23
21	22	22	22	23	24	25	23	22	20	19	19	18	18	17	17	17	17	17	18	18	18	18	19	20	20
22	20	19	19	20	21	20	21	21	21	22	22	22	22	21	21	20	19	19	19	19	19	21	20	21	20
23	21	21	21	22	21	21	20	21	21	21	20	20	19	19	19	19	19	19	20	21	21	22	22	21	20
24	21	20	20	20	20	19	19	21	20	20	19	22	22	22	22	22	23	24	24	24	23	18	19	18	21
25	18	19	19	19	19	20	25	21	24	24	23	22	23	23	23	23	20	21	21	23	26	23	23	22	22
26	24	23	22	22	23	23	24	25	28	25	21	19	19	19	18	18	19	19	22	30	23	23	23	25	22
27	25	24	25	25	23	24	25	27	26	25	23	21	21	24	24	24	25	29	30	30	26	31	30	28	26
28	28	28	25	25	26	25	27	27	27	25	24	24	25	26	27	28	29	36	30	31	29	28	30	27	27
29	26	29	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
30	23	23	23	24	26	25	24	23	25	24	24	24	23	22	22	21	23	25	27	29	27	25	27	26	24
31	27	27	27	26	26	26	24	25	24	22	21	21	21	20	20	20	20	21	21	21	21	20	20	20	23
MEAN	23	23	23	23	23	23	23	23	22	22	20	19	19	19	19	19	20	21	21	22	23	23	23	23	22

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	22	22	21	21	21	21	21	21	21	21	21	23	24	24	24	24	24	24	24	25	24	25	22
2	25	25	25	25	26	26	26	26	26	26	26	27	27	27	26	25	26	27	27	26	26	26	27	27	26
3	27	28	28	27	27	26	26	27	26	26	26	27	27	27	26	27	26	26	27	32	27	26	27	27	27
4	27	27	26	26	26	26	26	27	28	28	27	28	24	25	25	26	26	26	27	27	27	28	29	30	27
5	30	31	31	32	33	33	33	33	34	33	32	32	32	31	31	30	30	31	32	32	32	31	29	29	32
6	32	29	27	28	28	28	29	30	27	27	26	22	22	21	21	22	22	24	27	27	26	26	27	28	26
7	28	27	28	29	28	26	26	25	25																
8																									
9																									
10																									
11																									
12																									
13																									
14	6	6	6	6	6	5	4	5			10	6	5	4	4	5	5	5	5	5	6	8	8	6	
15																									
16																									
17																									
18	16	16	24	20	19	18	18	19	20	20	18	15	13	12	13	13	15	17	21	22	23	24	31	23	19
19	13	9	5	4	7	6	4	4	3	3	3	3	3	2	2	2	3	3	3	3	3	4	4	4	4
20	5	5	5	4	4	4	4	4	4	4	4														
21																									
22																									
23																									
24																									
25	18	18	18	17	17	17	17	17	18	18	18	17	17	17	17	17	19	19	18	18	19	18	18	18	18
26	18	18	18	19	19	19	18	18	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	19
27	20	20	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21
28	24	23	23	23	23	24	24	25	25	24	24	23	23	23	23	23	23	24	25	26	26	26	27	24	21
29	27	28	28	28	28	29	30	30	31	30	29	28	27	26	25	24	24	24	25	25	25	24	24	23	27
30	24	24	24	25	24	23	23	23	23	23	22	22	22	21	21	21	21	21	21	21	21	21	21	22	22
MEAN	21	21	21	21	21	21	21	21	22	21	20	20	20	19	20	20	20	21	21	22	21	21	22	22	21

PERCENTAGE OF DATA VALID - 55

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	21	22	22	22	22	21	21	22	23	23	23	23	22	22	23	23	23	23	22	22	21	22	22	22	22	
2	23	23	26	25	25	26	27	27	27	27	25	25	23	21	19	18	18	19	18	18	18	17	16	16	22	
3	16	16	16	16	16	16	15	14	14	14	14	14	13	13	13	13	12	13	13	13	14	15	16	16	14	
4	17	18	19	19	20	18	18	19	19	19	20	20	20	21	21	21	22	22	23	23	23	24	24	24	21	
5	24	23	22	22	22	22	22	22	22	22	22	22	22	21	21	21	22	22	23	23	23	24	24	24	21	
6																										
7	19	19	19	19	20	20	20	19	21	23	21	22	28	28	29	29	28	34	34	36	31	25	19	12	24	
8	19	23	10	10	10	13																				
9	23	20	25	25	23	22	24	26	28	27	27	25	24	27	28	26	25	28	30	30	30	31	30	25	26	
10	21	26	28	30	31	31	30	30	29	26	24	22	22	19	18	18	19	19	17	17	19	21	23	23	23	
11	23	24	27	28	27	26	27	26	26	26	24	22	22	22	21	20	19	19	20	23	26	27	29	29	28	25
12	27	24	24	23	18	16	16	15	15	16	15	16	12	11	11	11	11	11	12	11	12	18	18	18	16	
13	16	14	13	13	13	14	14	15	15	15	16	16	16													
14	31	30	31	31	31	29	28	27	28	28	29	28	28	27	32	31	30	28	27	27	27	27	27	27	29	
15	26	25	25	24	23	20	22	21	21	20	20															
16	17	16	16	15	15	14	15	15	15	15	15	15	15	15	15	15	15	15	16	16	17	18	19	16		
17	19	19	19	19	21	22	23	24	24	25	23	23	23	22	20	18	18	20	20	21	21	20	19	20	21	
18	19	19	19	19	19	19	18	18	18	18	18	18	17	17	17	17	17	17	18	18	19	22	24	27	19	
19	25	24	22	19	17	17	17	17	17	17	17	17	16	16	16	16	16	16	17	17	18	21	23	26	19	
20	31	29	28	32	29	25	26	22	23		25	24	23	22	23	23	22	22	22	22	22	23	23	23	25	
21	23	24	23	23	23	23	24	24	24	25	24	24	23	23	24	23	24	24	23	22	21	21	21	22	23	
22	23	25	24	24	23	22	23	23	23	22	22	23	23	23	24	24	26	26	24	29	32	34	37	34	26	
23	38	37	34	36	33	32	35	36	36	34	33	34	31	32	36	35	42	41	39	39	39	40	39	42	36	
24	44	44	42	41	38	39	40	41	40	38	38	37	37	36	37	35	31	32	32	31	25	27	26	25	36	
25	28	25	27	26	24	29	32	34	35	35	33	31	28	26	26	27	27	27	28	27	27	27	27	25	28	
26	24	23	24	24	24	25	25	25	25	25	25	25	26	25	25	25	25	25	24	24	24	24	24	25	25	
27	24	24	24	24	24	22	22	22	23	23																
28	24	24	24	24	24	24	25	25	26	25	22	22	24	25	27	28	29	21	22	26	21	21	20	17	24	
29	18	15	14	14	14	14	15	15	16	16	15	17	13	14	14	14	14	14	13	13	14	15	15	15	15	
30	13	13	14	14	14	14	14	15	15	15	16	16	16	17	16	16	18	17	17	16	17	18	18	15	16	
31	14	13	12	13	13	13	13	12	13	15	18	21	21	20	19	19	20	24	26	26	24	24	20	20	18	
MEAN	23	23	22	22	22	22	22	22	23	22	22	22	21	21	22	21	21	22	22	22	22	23	23	23	22	

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	7	14	20	28
JUL	21	16	25	37
AUG	8	28	33	48
SEP		DATA MISSING		
OCT	28	22	30	40
NOV	20	21	32	34
DEC	31	22	36	44
YEAR	115	21	36	48

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN		DATA MISSING							
FEB		DATA MISSING							
MAR		DATA MISSING							
APR		DATA MISSING							
MAY		DATA MISSING							
JUN	20	99	18	0	0	0	0	0	137
JUL	82	185	87	12	0	0	0	0	366
AUG	0	24	86	67	0	0	0	0	177
SEP		DATA MISSING							
OCT	0	209	399	18	0	0	0	0	626
NOV	58	70	247	23	0	0	0	0	398
DEC	3	261	374	69	0	0	0	0	707
YEAR	163	848	1211	189	0	0	0	0	2411

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
54	2	11.9	17.1	20.3	23.7	28.7	31.9	37.1	39.4	48	20.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM OAMST NO 29025

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8	19	20	20	19	19	19	18	21	21	22	25	23	18	19	19	21	23	21	24	27	26	23	32	40	22
9	28	15	12	12	11	8	8	9	9	9	10	10	10	10	10	11	11	8	8	8	8	8	10	9	11
10	9	9	9	9	9	11	15	16	16	16	17	15	15	15	12	18	24	28	35	35	26	27	25	36	19
11	28	7	6	5	5	5	6	9	9	9	9	11	11	8	9	10	10	10	9	10	16	18	20	15	11
12	12	8	6	4	5	6	11	13	16	12	14	13	11	9	9	10	11	11	10	10	10	10	11	13	11
13	11	10	12	10	9	11	21	28	25	17	19	17	16	14	9	14	19	19	17	16	16	14	15	14	16
14	13	13	13	13	13	13	14	14	14	15															
15																									
16																									
17																									
18	12	11	11	10	9	9	10	11	11	10	10	11	10	10	10	11	12	13	13	13	11	13	13	11	11
19																									
20	10	9	9	9	9	10	13	16	18	14	16	19	15	11	11										
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	16	11	11	10	10	10	13	15	15	14	15	14	13	13	11	14	16	16	16	17	16	16	17	19	14
PERCENTAGE OF DATA VALID	28																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM OAMST NO 29025

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	23	23	23	24	24	24	28	23	24	23	21	24	22	23	24	24	28	27	28	28	25	26	26	27	25
9	19	21	21	21	23	22	20	24	25	25	23	23	20	22	23	24	26	26	26	26	25	25	26	28	24
10	23	23	23	25	29	25	30	33	33	29	29	25	24	26	24	24	31	27	27	27	25	25	25	25	27
11	23	21	23	22	22	23	24	29	29	32	31	28	24	24	24	24	25	29	28	28	28	25	25	26	
12	18	18	19	19	19	18	18	21	22	23	24	24	22	22	19	20	17	19							20
13													- DATA MISSING -												
14																									
15	15	15	14	13	14	16	38	31	15	14	15	15	16	16	16	18	21	21	21	21	21	20	17	17	19
16	21	21	22	23	22	23	25	26	28	26	26	26	26	26	27	28	33	31	33	34	34	32	32	30	27
17	33	33	29	29	29	31	32	49	46	35	31	33	29	27	27	28									
18																									
19	21	21	20	18	17	18	20	20	20	20	20	20	19	18	17	17	18	18	17	18	18	18	18	18	19
20	18	19	20	20	20	21	23	23	23	26	25	27	28	28	28	29	29	29	31	31	32	32	32	31	26
21	29	28	27	26	26	26	27	27	26	24	24	23			18	18	19	15	14	13	13	14	13	13	21
22	15	16	16	18	18	22	23	24	22	23	24	24	23	23	23	24	23	24	24	26	25	29	27	28	23
23	24	23	23	23	21	23	27	28	26	26	26	20	20	21	22	21	23	21	21	19	17	17	17	16	22
24	15	13	13	14	14	15	24	27	23	19	20	17	14	14	15	18	17	17	15	15	15	14	15	15	17
25	16	20	21	19	22	21	25	37		30	30	24	26	26	26	25	26	22	22	22	22	22	21	20	24
26	16	16	16	17	16	15	16	17	18	20	20	22	21	22	21	22	22	22	26	25	26	27	27	27	21
27	26	26	25	25	25	24	26	27	26	25	25	24	25	24	23	22	22	22	22	20	19	19	18	16	23
28	16																								
29																									
MEAN	21	21	21	21	21	22	25	27	25	25	24	24	23	23	22	23	24	24	24	24	23	23	23	23	23
PERCENTAGE OF DATA VALID	62																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION												
	STATION - BARTON/WENTWORTH HAM OAMST NO 29025												MONTH MAR 72												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	16	17	18	20	21	23	23	24	27	27	23	22	22	22	20	21	20	20	18	17	18	22
2	23	23	23	22	22	25	26	25	27	25	21	23	25	24	26	24	27	24	26	25	26	24	24	23	22
3	25	29	28	27	27	27	30	29	28	28	30	28	24	23	24	24	23	23	23	25	22	22	22	20	25
4	18	17	17	17	15	16	17	18	17	17	18	15	15	16	15	17	17	18	18	19	18	20	18	19	17
5	19	19	19	20	20	22	25	24	25	25	25	23	23	22	22	22	24	25	24	24	22	22	21	21	22
6	19	19	18	18	24	17	17	17	16	16	17	17	17	17	17	19	19	19	19	19	17	17	18	17	18
7	16	16	16	16	15	17	18	19	19	20	19	20	20	21	19	20	20	21	20	21	20	22	20	21	19
8	18	17	17	16	14	17	19	21	20	18	19	19	20	20	22	24	28	25	25	25	25	24	22	23	21
9	23	22	22	21	20	22	25	27	29	25	26	26	27	27	27	27	27	28	29	30	29	31	31	26	
10	34	33	30	28	27	27	28	31	29	31	28	28	28	28	27	26	25	22	24	21	20	23	30	29	27
11	25	22	22	25	24	23	24	23	22	22	22	22	22	21	21	21	23	25	24	26	26	26	25	26	23
12	29	26	25	23	23	22	24	25	25	24	24	22	21	21	21	21	24	20	19	19	19	19	18	18	22
13	18	15	15	15	14	13	14	19	19	23	24	30	29	26	27	30	35	33	26	25	21	21	24	22	22
14	18	17	16	22	19	19	17	17	16	16	17	17	19	23	24	22	20	23	23	24	21	20	18	18	19
15	15	13	13	14	12	15	21	20	20	19	17	20	14	17	17	16	18	17	17	22	17	17	16	15	17
16	16	14	13	14	12	12	18	18	20	18	18	22	21	21	21	22	23	22	21	23	22	21	21	22	19
17	21	21	20	18	17	17	19	20	21	22	21	22	21	21	23	22	22	24	24	25	26	26	28	28	22
18	29	28	28	29	30	30	32	34	34	31	31	31	31	31	32	33	33	34	33	34	34	37	37	32	
19	33	33	33	32	33	40	43	44	44	41	36	34	34	34	36	40	45	43	37	36	34	33	36	37	32
20	31	29	29	28	29	28	28	29	29	27	24	22	20	20	21	22	24	23	23	23	21	20	19	19	19
21	17	17	18	18	17	17	18	20	22	22	23	23	23	23	23	23	26	24	24	24	24	24	24	24	22
22	25	24	26	26	26	26	26	26	24	20	21	22	23	24	22	24	26	25	26	26	27	27	27	25	25
23	27	28	28	25	26	26	27	27	28	26	25	24	24	23	22	23	23	23	25	25	25	25	26	25	25
24	26	26	25	24	23	22	22	22	22	22	21	21	21	19	19	19	19	18	18	18	19	19	19	21	21
25	19	18	18	18	18	18	21	23	21	21	18	18	17	17	17	17	19	19	20	34	21	23	20	20	
26	21	22	21	20	19	19	21	23	22	22	22	19	19	20	20	20	20	25	22	32	30	43	23	23	
27	33	54	46	27	21	23	28	25	29	26	29	23	20	21	21	23	27	19	19	19	19	24	29	26	
28	23	17	16	16	15	15	19	24	25	24	24	22	21	22	22	23	24	22	21	25	26	27	28	24	22
29	22	23	22	20	20	21	24	24	22	20	23	23	24	22	24	24	25	24	24	27	25	24	27	25	23
30	23	23	22	21	21	21	23	24	24	23	24	23	22	22	23	23	25	24	23	24	23	24	24	24	23
MEAN	23	23	22	21	21	21	23	24	24	23	24	23	22	22	23	23	25	24	23	24	23	24	24	24	23

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
	STATION - BARTON/WENTWORTH HAM OAMST NO 29025												MONTH APR 72													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	21	21	22	23	23	22	24	24	24	24	26	27	26	27	31	31	26	27	23	23	21	21	21	21	24	
2	21	37	22	22	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20	
3	15	15	15	15	15	16	21	19	19	18	17	17	19	17	20	24	31	22	24	26	23	20	19	19	19	
4	14	14	18	15	13	13	17	23	21	16	12	11	11	11	11	11	11	11	11	11	11	11	11	11	19	
5	DATA MISSING																									
6	DATA MISSING												20	20	18	17	17	17	17	17	17	17	17	17	17	17
7	17	17	18	18	18	18	18	19	20	20	22	24	20	17	17	17	17	15	15	15	14	15	14	14	17	
8	14	14	14	15	16	16	16	16	16	16	16	17	18	19	20	20	20	20	20	23	24	23	22	22	18	
9	23	23	22	22	21	21	21	21	21	21	22	21	20	19	19	18	17	17	17	17	16	16	17	17	20	
10	18	17	17	16	18	18	19	19	19	18	18	23	20	18	20	17	19	20	21	20	17	16	16	16	18	
11	14	14	15	14	21	19	30	25	18	15	13	13	13	13	10	10	11	12	13	14	13	13	15	13	15	
12	16	16	17	17	16	14	14	16	16	16	17	17	17	16	15	15	15	15	15	18	12	13	11	15	15	
13	12	11	8	7	7	7	9	14	10	10	22	26	25	25	25	24	26	25	24	24	25	25	25	25	18	
14	27	27	28	28	28	28	31	33	34	34	28	28	30	28	29	29	32	29	31	34	30	28	27	26	29	
15	27	26	24	25	25	25	24	25	25	23	31	32	41	43	40	35	38	43	31	32	37	39	37	33	32	
16	33	33	33	30	35	32	30	30	31	30	30	30	27	24	23	22	22	22	22	21	22	23	23	23	27	
17	23	26	24	26	25	25	25	26	26	25	26	25	25	24	23	23	22	20	19	20	21	22	22	22	24	
18	DATA MISSING												28	25	21	20	17	17	17	16	17	17	17	17	20	20
19	17	16	16	17	19	19	20	30	31	33	32	31	28	30	28	32	30	25	23	21	21	21	21	22	24	
20	22	21	21	21	21	20	22	23	23	27	27	27	26	26	27	26	26	27	28	35	38	31	34	36	26	
21	36	37	34	33	33	33	34	37	34	34	27	29	27	26	22	23	25	28	21	20	20	18	17	17	27	
22	17	16	14	14	15	14	18	14	14	13	13	16	16	17	23	21	18	15	15	17	19	21	17	15	16	
23	15	13	11	11	11	11	18	11	11	12	11	12	12	12	13	14	14	14	15	17	16	17	17	19	14	
24	16	16	16	17	18	19	31	26	29	26	26	23	18	15	15	16	17	17	16	16	16	16	17	15	19	
25	14	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
26	27	26	24	24	22	22	25	24	24	24	24	25	25	26	26	26	27	27	27	27	27	27	27	27	27	
27	25	26	25	26	26	26	21	20	23	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
28	21	21	21	21	22	24	27	25	24	22	23	22	22	23	23	23	23	22	28	26	26	26	27	25	24	
29	26	26	25	22	21	21	23	24	26	26	25	23	25	23	23	23	25	24	29	31	32	37	35	35	26	
30	35	62	50	65	52	44	39	37	35	34	32	36	36	33	39	46	42	38	33	36	39	50	68	56	43	
MEAN	21	23	21	22	22	21	23	23	23	23	22	23	23	23	22	22	23	23	22	22	22	23	23	23	22	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	40	43	36	37	39	37	43	36	33	46	33	29	30	25	26	21	22	23	25	24	23	23	25	32
2	20	19	19	30	19	22	19	20	23	23	21	20	20	22	22	18	21	18	17	17	20	23	29	29	21
3	30	32																							
4																									
5																									
6																									
7																									
8																									
9	18	17	17	16	16	17	17	18	22	25	21	21	21	21	21	24	24	20	23	22	19	18	18	20	
10	17	17	17	18	17	17	16	19	19	19	17	16	16	16	16	16	16	16	16	19	16	15	18	19	20
11	21	24	25	25	24	21	20	20	20	20	22	23	24	24	18	18	17	19	19	19	22	22	24	21	21
12	24	23	26	23	29	31	42	33	31	20	19	20	20	18	20	24	20	21	21	22	22	25	23	24	
13	41	42	30	24	28	40	28	25	22	23	23	23	22	22	24	21	21	23	28	35	28	35	43	32	28
14	22	19	17	12	12	13	15	15	15	16	19	18	17	18	18	17	17	18	17	21	24	23	22	23	18
15	23	23	22	22	20	22	37	44	37	30	32	37	27	27	27	26	22	23	22	23	25	28	31	33	28
16	31	27	29	35	35	37	34	37	33	31	33	32	31	32	33	36	34	31	33	30	33	32	38	39	33
17	34	34	35	36	37	49	49	35	31	25	33	25	26	27	24	25	24	25	29	62	37	43	43	33	34
18	35	32	32	31	32	37	37	37	35	36	42	43	44	44	29	33	31	32	29	32	35	38	40	46	36
19	38	54	94	69	71	59	54	44	27	30	27	25	27	30	29	29	30	28	30	35	36	40	39	40	41
20	40	35	28	33	29	26	26	26	26	23	26	24	25	25	25	25	25	21	20	25	29	35	34	39	28
21	42	38	34	26	23	24	25	29	24	24	25	24	22	22	23	24	24	27	24	22	22	23	22	23	26
22	22	22	24	27	30	30	27	29	27	25	27	28	27	27	27	27	27	27	26	30	35	42	40	38	29
23	44	53	51	49	52	52	52	57	38	19	22	22	22	19	18	16	17	35	33	39	55	36	27	35	
24	24	20	18	27	89	93	40	39	28	23	23	24	23	21	22	22	18	17	20	21	23	24	29	26	30
25	21	20	25	26	24	24	25	23	24	25	25	25	21	23	24	23	21	21	22	19	24	29	25	29	24
26	24	24	21	18	19	26	23	23	25	29	25	23	21	24	21	32	20	20	19	28	26	24	27	26	24
27	28	27	33	33	42	57	45	57	31	24	26	27	23	24	26	25	24	29	25	23	26	29	30	34	31
28	35	40	46	49	40	45	37	36	27	20	19	19	22	22	21	21	22	20	16	19	20	22	22	21	28
29	25	32	28	25	33	42	47	31	27	25	22	21	21	22	20	22	22	20	18	23	16	18	17	15	25
30	10	10	11	10	11	15	16	16	14	16	18	19	22	23	21	29	23	15	15	15	19	21	18	16	17
31	16	16	18	20	21	28	29	26	24	23	25	26	37	30	27	28	27	26	24	26	26	27	26	27	25
MEAN	28	28	30	29	32	35	32	31	27	24	26	25	24	24	23	25	23	22	23	26	26	28	28	28	27

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	24	24	25	25	27	29	27	26	28	28	26	26	28	28	28	27	26	28	28	27	27	29	26	27
2	28	32	33	33	32	45	36	32	38	39	41	41	38	31	26	28	27	30	32	32	33	34	35	34	34
3	33	32	32	31	31	32	34	35	35	37	36	39	36	33	31	33	32	29	30	31	34	35	34	35	33
4	35	36	38	37	38	43	43	41	41	40	40	40	40	40	40	40	41	40	41	42	46	50	50	49	41
5	48	48	48	50	51	51	53	54	53																
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13	26	24	26	24	26	40	40	44	32	42	32	32	32	35	32	38	41	41	40	41	43	35	37	42	35
14	37	35	45	63	82	73	99	64	41	33	26	22	24	24	24	22	22	21	21	20	18	20	22	21	37
15	17	18	18	19	19	23	24	24	21	18	18	18	20	21	20	21	21	22	22	24	27	27	26	26	21
16	24	25	25	26	27	31	30	31	33	31	31	30	27	27	28	33	33	28	31	32	32	33	31	34	30
17	29	28	29	30	29	30	30	32	30	30	30	32	32	32	33	32	33	33	33	32	36	38	43	43	32
18	44	43	43	45	44	43	40	27	27	28	30	29	27	29	29	29	29	30	29	31	29	32	34	33	
19	30	30	27	29	30	37	31	36	38	34	34	32	30		25	27	27	28	28	35	36	40	50	48	33
20	31	31	26	23	46	40	43	28	21	21	19	18	19	17	15	16	16	20	17	14	14	14	14	16	22
21	13	12	10	12	12	9	14	15	22	29	28	22	25	31	29	18	17	16	16	18	17	18	18	13	18
22	11	11	11	11	11	11	14	14	17	14	17	14	15	21	21	23	22	22	19	20	14	14	14	13	15
23	10	10	10	11	11	11	13	14	13	17	16	13	14	14	18	21	17	20	20	19	24	20	18	18	16
24	21	29	23	23	25	29	26	25	27	39	30	30	26	26											
25																									
26																									
27																									
28																									
29																									
30	22	22	22	22	24	28	24	23	26	24	27	27	33	34	39	34	34	28	26	27	26	25	24	28	27
MEAN	27	27	27	29	31	34	34	31	30	30	28	27	28	27	27	28	28	30	27	28	28	29	29	30	29

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	24	22	23	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13	38	23	25	29	31	39	51	34	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
14																									
15																									
16																									
17																									
18																									
19	44	43	22	33	24	26	37	31	32	32	33	32	30	29	27	29	29	28	27	26	33	26	33	46	31
20																									
21																									
22	17	18	20	20	21	27	24	24	27	21	21	20	21	22	19	22	22	23	22	20	20	21	21	23	22
23	20	22	22	22	26	22	21	23	20	21	20	19	20	20	20	22	23	21	22	22	25	25	26	28	22
24	23	23	23	22	22	24	27	29	28	24	26	26	26	26	26	28	29	27	27	26	26	24	25	24	25
25	25	25	24	25	25	29	29	28	27	26	26	26	26	22	24	27	26	26	28	28	26	27	25	26	26
26	27	24	20	20	21	24	24	23	23	22	24	24	24	24	24	25	25	26	27	26	26	27	25	26	24
27	29	30	29	28	29	31	32	29	31	32	32	30	28	30	28	29	28	29	30	31	33	33	35	34	30
28	36	35	33	33	34	37	37	34	29	27	27	30	30	27	27	33	35	37	39	41	38	36	38	38	34
29	40	41	39	44	40	38	39	41	39	33	35	36	33	36	43	37	38	38	38	36	37	37	37	34	38
30	35	37	40	47	43	39	40	36	33	34	34	36	36	37	35	36	35	36	35	33	34	34	40	52	37
31	44	47	59	41	55	50	53	56	41	37	37	35	35	33	33	37	37	38	42	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	43
MEAN	31	30	29	30	31	32	35	32	30	28	28	27	27	27	27	28	28	28	29	28	29	29	29	31	29

PERCENTAGE OF DATA VALID - 40

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	23	24	23	20	20	20	20	21	21	22	21	22	21	22	22	22	22	21	20	21	22	21	21	21	21
10	21	21	21	21	21	23	26	26	24	24	24	24	24	24	24	24	24	24	24	24	24	25	26	28	24
11	25	24	27	27	30	35	30	26	24	24	24	23	23	23	25	25	24	25	25	26	24	24	25	24	26
12	24	24	23	22	22	24	26	25	24	23	23	23	23	23	23	23	23	23	23	24	25	26	24	24	24
13	25	25	25	25	24	22	22	22	23	24	25	24	23	23	23	24	24	25	25	26	26	29	27	28	25
14																									
15	31	31	31	30	30	30	31	31	31	30	29	29	30	28	28	26	26	25	25	27	32	34	32	34	30
16	33	38	37	35	31	38	37	35	31	28	30	31	31	32	34	35	35	34	36	34	31	27	27	26	33
17	27	29	28	29	28	31	30	31	30	28	30	29	31	25	23	24	22	26	28	30	30	DATA MISSING	DATA MISSING	DATA MISSING	28
18																									
19	36	34	29	31	30	32	33	32	32	35	32	32	30	29	28	27	29	32	30	30	29	28	31	31	31
20	32	32	30	32	31	32	30	30	29	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	41	54	47	DATA MISSING
21	44	47	44	42	40	45	48	47	42	27	26	26	26	DATA MISSING	23	25	25	24	24	30	27	27	27	28	33
22	25	24	25	26	26	30	32	33	31	32	31	30	29	28	27	29	28	29	29	30	32	33	32	32	29
23	29	29	29	28	30	32	33	28	29	29	29	29	27	27	27	27	27	28	30	33	37	38	37	46	31
24	37	33	38	40	38	38	40	40	40	38	30	30	29	25	25	27	29	30	29	30	28	28	25	25	32
25	25	26	26	26	26	29	30	30	30	29	25	29	28	26	28	29	29	29	30	31	37	34	33	DATA MISSING	29
26																									
27																									
28																									
29																									
30	33	34	37	36	35	41	45	47	43	38	38	23	24	26	27	34	30	31	36	35	37	38	41	40	DATA MISSING
31	32	33	33	34	35	35	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
MEAN	30	30	30	29	29	31	32	31	30	28	28	27	28	27	27	28	28	28	28	30	30	31	31	32	29

PERCENTAGE OF DATA VALID - 59

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	62	35	35	35	35	38	39	39	39	39	39	39	39	26	26	27	29	26	25	26	25	25	26	27	32
2	24	24	33	20	20	21	21	23	23	18	18	18	19	19	19	19	17	17	17	18	18	19	19	19	20
3	17	20	20	20	20	20	21	21	21	21	21	21	21	18	18	18	18	18	21	20	20	21	23	23	20
4	20	18	18	19	19	21	22	23	23	23	22	21	17	17	17	17	19	19	20	23	30	24	26	26	21
5	22	20	19	22	21	28	29	27	24	20	21	20	22	15	22	22	29	27	25	24	25	24	24	24	23
6	25	26	28	28	26	33	36	43	34	30	30	25	28	29	30	28	28	30	30	27	29	28	31	30	30
7	25	21	21	22	24	25	25	25	25	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	28	23	25	24	24	27	28	27	25	22	22	21	21	21	22	22	23	23	23	23	25	24	25	25	24
PERCENTAGE OF DATA VALID -	20																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11	42	44	35	35	44	50	46	37	28	25	25	21	23	23	25	25	25	25	25	25	25	25	25	25	25
12	22	22	21	21	21	24	27	28	29	28	24	24	26	25	25	25	26	26	26	26	26	26	26	26	25
13	20	20	20	21	21	22	23	23	23	24	24	24	24	24	22	21	21	20	20	22	22	22	22	23	22
14	21	21	20	20	20	21	21	21	21	21	21	21	21	21	20	20	20	20	23	26	22	21	20	20	21
15	20	20	20	20	20	21	21	22	25	25	23	22	22	21	21	22	22	20	20	20	20	20	20	18	21
16	17	19	19	19	19	21	24	23	21	22	21	22	22	21	23	25	25	25	25	25	24	26	26	25	22
17	24	24	24	24	27	30	33	40	28	33	33	30	30	25	27	26	29	31	28	21	21	20	21	21	27
18	21	21	21	21	22	22	23	23	23	27	28	29	29	29	34	36	30	29	31	32	35	33	35	31	28
19	31	37	36	36	33	34	36	35	32	30	29	30	40	29	27	27	28	30	32	30	31	31	31	32	32
20	36	35	27	25	25	25	25	27	27	27	29	29	29	32	30	30	31	36	33	29	28	27	26	24	29
21																									
22																									
23																									
24	16	14	15	16	16	16	18	20	23	26	24	22	22	19	21	22	21	21	20	18	16	16	16	16	22
25																									
26																									
27	28	21	25	29	33	31	37	43	47	38	31	28	31	32	33	34	36	33	30	26	28	23	27	34	32
28	34	52	34	29	29	31	31	36	36	38	33	28	30	25	24	36	36	35	27	29	41	30	26	24	32
29	25	23	23	24	24	23	23	21	21	21	27	27	27	28	35	39	30	29	30	32	29	29	29	33	32
30																									
31	32	35	33	31	29	30	38	45	45	45	45	45	15	17	15	15	15	15	15	15	15	15	15	15	23
MEAN	26	27	25	25	26	27	28	30	28	27	27	26	26	25	25	27	26	27	26	25	25	25	25	25	26
PERCENTAGE OF DATA VALID -	52																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST								NO 29025				MONTH NOV 72															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
15	14	13	12	12	12	15	17	17	16	14	14	14	16	14	14	20	19	14	17	16	16	18	22	15			
21	18	18	16	15	16	24	22	17	18	19	19	20	21	23	35	30	42	33	32	26	12	13	13	22			
12	12	12	12	12	12	12	15	14	14	15	15	14	14	14	14	14	14	12	15	15	17	17	18	14			
16	14	13	13	13	15	16	18	18	16	14	14	15	15	15	18	18	16	16	16	16	16	16	17	16			
16	16	13	13	13	14	14	14	14	14	14	14	15	16	17	16	18	16	15	15	17	17	17	17	15			
17	16	16	16	16	16	17	22	27	21	21	18	17	17	17	17	17	17	17	17	17	17	17	17	15			
21	16	14	13	16	18	15	17	25	20	18	17	17	18	17	17	17	18	15	14	14	14	14	14	17			
15	16	16	15	16	15	15	17	19	17	18	18	18	17	18	17	20	17	17	17	19	22	22	21	18			
21	20	20	17	17	15	19	20	23	22	22	19	18	19	19	18	18	16	16	17	17	16	15	15	18			
15	15	15	13	15	15	14	13	14	16	17	17	20	20	21	21	21	22	18	18	16	17	19	23	17			
22	20	20	19	17	17	17	18	18	19	19	19	18	18	20	21	22	22	22	21	21	21	22	21	20			
18	19	20	17	17	17	17	17	17	17	21	21	19	19	19	18	19	18	16	14	14	14	16	14	18			
15	15	14	14	14	14	13	13	15	15	17	16	17	14	14	13	15	14	13	13	11	11	11	11	14			
10	9	8	9	14	16	19	24	21	13	12	11	12	15	20	25	24	16	16	17	20	21	18	17	16			
18	16	17	16	16	16	19	26	26	24	25	22	20	19	20	23	28	28	27	29	31	31	36	34	24			
28	27	25	22	19	19	19	16	14	14	16	15	14	14	16	18	11	9	6	10	11	10	8	7	15			
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
16	9	8	6	7	9	13	10	9	10	13	11	10	10	9	10	9	9	9	8	8	8	10	10	10			
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			
20	17	17	17	17	18	20	25	24	25	35	20	18	18	17	19	24	24	19	21	19	18	19	23	21			
22	26	19	18	35	28	21	21	20	18	18	17	16	16	17	17	19	19	18	18	20	22	23	23	20			
22	19	17	16	16	17	19	21	22	22	19	19	19	19	19	20	23	20	19	19	19	19	19	19	19			
20	17	17	17	18	20	21	22	22	22	21	21	21	21	21	23	24	24	23	25	26	26	26	25	22			
24	23	25	22	24	19	22	46	33	25	25	25	25	26	27	29	26	27	28	25	25	22	20	22	26			
21	23	19	17	16	16	17	21	18	18	18	18	17	15	15	14	14	17	14	14	14	14	14	14	17			
14	15	15	13	13	14	15	17	17	16	17	17	16	16	16	18	23	20	19	19	19	19	20	19	17			
19	19	17	17	17	18	21	22	22	22	22	24	22	21	21	22	26	24	22	20	20	20	23	20	21			
20	20	20	20	20	20	23	24	25	24	24	23	22	23	23	25	29	30	35	20	18	18	19	23	23			
20	21	23	19	14	14	22	24	24	15	14	15	12	12	12	13	18	16	14	13	14	14	12	10	16			
18	17	17	16	16	16	18	20	19	18	19	18	17	18	18	19	20	20	19	18	19	18	18	18	18			

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM																										OAMST		NO 29025				MONTH DEC				72													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN																									
9	8	7	7	6	6	7	7	7	7	7	13	13	13	13	14	16	15	15	15	15	15	18	16	11																									
16	14	17	12	13	14	16	25	17	18	16	18	16	18	18	20	22	21	21	23	23	23	24	22	19																									
19	17	16	18	16	14	14	14	14	14	14	14	15	15	15	15	15	17	16	16	16	16	16	17	16																									
18	18	18	18	18	18	18	18	18	21	21	21	20	21	20	22	20	16	15	15	15	16	16	16	18																									
15	16	17	16	15	15	15	18	18	20	21	20	22	25	26	32	42	56	48	55	43	39	42	50	29																									
50	42	34	46	32	17	17	17	20	19	19	19	20	21	22	23	23	23	22	22	22	22	22	23	25																									
23	24	22	21	22	23	26	27	27	27	28	27	27	28	31	31	31	31	31	31	31	31	31	31	31																									
20	27	22	18	14	16	16	17	15	16	17	16	16	16	16	16	17	18	19	17	17	16	18	16	17																									
16	15	15	15	14	14	13	14	14	14	14	15	15	15	15	16	16	16	16	15	14	14	15	15	15																									
15	17	15	14	14	16	19	25	25	20	19	17	17	18	18	19	22	20	18	20	20	23	27	25	19																									
22	21	21	22	21	21	25	24	26	27	28	29	26	27	29	30	32	28	27	29	31	36	44	38	28																									
25	17	17	15	15	16	17	18	18	13	13	13	15	15	16	16	17	19	17	18	18	17	17	15	17																									
17	17	17	17	17	17	19	19	19	18	18	18	18	17	19	30	53	25	25	24	22	23	21	21																										
21	20	20	20	20	19	20	20	21	22	23	23	22	21	21	23	25	25	20	22	22	22	20	19	21																									
17	17	27	15	14	14	14	15	15	16	15	15	14	14	14	14	15	15	15	15	17	17	17	18	16																									
18	19	18	18	19	19	19	19	21	21	21	21	21	21	22	22	23	24	24	22	22	21	21	22	21																									
21	21	21	21	20	20	20	21	21	21	21	21	21	21	21	23	25	24	24	24	26	26	29	27	23																									
26	25	26	26	25	23	23	25	25	23	23	23	23	23	23	24	28	25	24	24	24	25	26	26	25																									
25	25	26	28	25	25	27	27	28	26	26	28	25	26	22	22	25	23	23	22	21	21	21	21	25																									
20	19	19	19	19	19	23	25	25	24	20	19	19	21	21	22	22	21	22	21	22	23	22	19	21																									
19	17	15	15	17	16	16	18	20	19	19	17	17	18	18	18	18	18	20	21	23	22	21	21	18																									
23	26	27	26	24	25	27	29	31	29	29	25	26	24	22	23	23	25	22	26	29	28	28	26	26																									
24	22	20	20	20	19	22	20	20	20	20	20	21	19	19	19	18	17	16	16	15	15	16	16	18																									
16	18	18	19	18	18	18	18	18	20	21	19	19	19	19	18	17	16	16	17	18	15	16	17	18																									
16	14	12	12	13	13	15	15	15	15	15	15	16	16	16	16	16	16	16	13	12	13	13	12	14																									
12	12	10	10	10	10	11	13	13	13	12	12	12	14	12	10	10	8	8	9	9	9	9	9	11																									
7	7	7	7	7	9	9	11	11	11	11	10	10	11	12	11	12	13	13	12	11	11	11	11	10																									
12	12	13	14	14	15	16	15	16	16	18	18	17	19	16	19	19	18	17	17	17	16	17	17	16																									
15	15	15	15	15	15	19	23	22	27	20	19	19	19	20	18	18	18	22	19	15	19	24	21	19																									
19	17	18	19	21	18	20	19	23	22	26	28	34	17	17	14	14	16	16	17	16	14	14	13	19																									
19	19	18	18	17	17	18	19	19	20	19	19	19	19	19	19	21	22	20	20	20	20	21	20	19																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	13	14	22	40
FEB	22	23	27	49
MAR	31	23	37	54
APR	29	22	43	68
MAY	27	27	41	94
JUN	20	29	41	99
JUL	16	29	43	59
AUG	21	29	38	54
SEP	7	24	32	62
OCT	20	26	32	52
NOV	30	18	26	46
DEC	31	19	29	56
YEAR	267	23	43	99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	68	112	25	5	0	0	0	0	210
FEB	0	102	302	34	0	0	0	0	438
MAR	0	189	449	56	0	0	0	0	694
APR	9	246	314	77	3	0	0	0	649
MAY	3	113	340	150	4	2	0	0	612
JUN	5	71	182	160	5	1	0	0	424
JUL	0	17	171	114	0	0	0	0	302
AUG	0	0	293	149	0	0	0	0	442
SEP	0	33	104	12	1	0	0	0	150
OCT	0	31	274	83	0	0	0	0	388
NOV	40	409	209	14	0	0	0	0	672
DEC	33	381	286	24	0	0	0	0	724
YEAR	158	1704	2949	878	13	3	0	0	5705

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	FREQUENCY 50	CONCENTRATIONS DISTRIBUTION 70	90	PERCENT 95	98	99	MAX	ARITH MEAN
64	4	14.0	18.5	21.9	25.6	33.1	37.4	43.4	49.1	99	23.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	12	14	14	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	17	17	16	16	14	13
2	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	14	14	14	14	14	14	14	14	14
3	13	13	13	13	13	13	13	13	17	16	15	14	14	14	14	14	16	17	17	17	16	17	18	18	15
4	14	14	14	14	14	13	14	16	16	17	17	15	15	16	16	18	18	18	16	16	15	15	15	17	16
5	13	13	13	14	12	14	14	14	16	14	16	14	15	14	14	16	18	18	18	19	19	18	17	18	15
6	18	20	18	18	16	15	15	14	17	16	16	16	15	17	18	19	16	17	18	18	18	18	18	18	17
7	18	17	17	17	18	17	18	21	18	18	18	18	18	17	18	18	18	18	17	16	14	16	15	15	17
8	16	15	15	16	17	17	17	18	18	18	18	18	18	17	17	18	18	18	18	18	18	19	22	18	18
9	14	14	15	15	15	16	17	16	17	17	17	17	14	14	18	17	17	18	16	16	17	16	16	14	16
10	15	17	18	17	16	18	18	22	22	17	17	17	14	14	13	12	16	21	17	15	17	15	18	24	17
11	34	26	21	19	15	14	14	14	13	12	12	13	12	12	12	12	15	14	14	13	16	19	14	14	16
12	15	16	15	13	13	13	14	14	15	17	17	16	14	14	12	14	17	16	15	14	15	15	16	17	15
13	17	18	16	13	13	12	13	18	16	16	18	18	15	13	13	13	14	15	14	14	12	12	12	12	14
14	12	13	13	12	11	12	12	15	18	20	17	15	14	15	15	17	17	15	14	13	14	14	14	14	14
15	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	14	14	14	13
16	14	14	13	13	13	13	13	13	12	12	13	13	13	13	13	12	13	13	13	13	14	13	14	14	13
17	13	13	13	12	12	12	14	14	14	14	14	14	14	14	14	16	18	18	18	18	17	17	18	17	15
18	17	14	14	14	14	14	14	14	15	15	15	17	17	16	15	17	17	17	17	18	18	17	17	17	16
19	16	16	16	14	14	15	15	15	16	16	16	16	14	15	14	14	17	18	16	16	16	15	14	15	15
20	14	14	14	14	14	14	14	15	19	17	23	20	18	18	18	18	21	21	20	19	20	20	18	16	18
21	14	15	15	15	15	15	15	14	17	19	18	18	18	18	17	18	18	19	18	18	20	18	20	18	17
22	18	18	17	18	17	17	18	32	22	18	18	19	20	22	22	18	18	18	17	17	16	16	15	19	19
23	16	16	16	14	16	16	16	14	13	14	14	14	14	13	14	14	14	15	15	16	14	14	17	16	15
24	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
25	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
26	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
27	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
28	16	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
29	15	14	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
30	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
31	15	15	15	14	14	14	14	15	16	18	18	18	16	16	16	17	22	21	18	18	18	18	19	20	17
MEAN	16	15	15	15	15	15	15	16	16	16	16	16	15	15	15	16	17	17	16	16	16	16	17	17	16

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	18	18	18	18	18	22	22	19	18	18	17	17	18	18	18	18	18	21	20	25	26	21	19
2	17	18	16	16	16	16	16	16	16	16	16	19	17	19	18	17	18	18	16	16	16	18	17	17	17
3	18	18	18	18	20	19	19	20	21	19	19	19	18	18	20	18	21	21	26	22	18	18	19	19	19
4	16	14	16	16	15	14	14	14	14	14	14	16	17	17	17	17	18	18	18	17	17	17	18	18	16
5	15	15	15	15	15	15	15	16	16	16	16	16	16	15	15	15	15	15	15	14	14	16	16	16	15
6	18	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	18
7	16	16	16	14	14	14	16	19	19	18	18	18	17	16	16	16	19	19	19	19	19	19	18	18	17
8	18	17	17	17	17	17	17	19	20	21	19	17	17	17	17	17	17	17	17	17	17	17	17	17	17
9	15	15	15	15	15	16	16	18	20	20	19	19	17	18	18	18	18	18	18	20	19	18	18	19	18
10	19	19	18	18	18	18	17	19	26	26	26	21	18	18	18	18	19	18	18	18	18	18	18	18	19
11	18	18	18	17	16	16	20	20	22	18	18	21	19	19	19	19	18	18	18	18	18	18	18	21	19
12	22	20	20	19	19	19	19	19	21	21	21	21	21	22	22	22	22	22	24	27	25	22	26	27	22
13	28	25	25	26	26	24	23	22	22	18	18	18	18	16	18	18	18	18	18	18	18	18	18	18	20
14	15	15	15	16	16	16	15	15	16	14	14	14	15	15	15	15	16	16	16	17	16	16	17	18	16
15	18	18	15	19	20	20	21	21	22	22	22	22	18	17	18	18	18	18	18	18	18	18	18	17	19
16	17	17	16	16	16	16	16	18	18	18	18	17	18	18	18	18	19	19	18	19	20	19	19	19	18
17	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
18	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	18	18	18	18	18	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18
20	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
21	19	19	18	19	18	18	18	18	19	19	20	20	21	21	20	22	23	22	22	20	20	20	19	18	20
22	18	18	18	18	18	18	18	18	18	18	18	18	19	18	18	18	21	21	21	21	21	21	22	22	19
23	23	24	23	25	24	22	22	26	25	22	21	21	20	21	21	21	22	22	22	22	21	21	22	21	22
24	21	21	22	22	21	20	21	23	23	22	14	14	14	16	16	15	15	15	14	14	14	14	14	14	17
25	16	14	14	14	14	13	13	14	20	22	22	18	14	13	13	12	12	14	14	14	14	14	14	14	15
26	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14	14	13	13	13	13	14	14	14
27	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	12	14	12	12	12	14	14	14	14	14
28	14	13	13	14	14	14	14	14	14	14	14	15	15	15	15	15	17	17	17	19	18	17	17	16	15
29	16	16	14	17	18	18	15	14	15	15	15	15	15	15	19	22	24	24	25	22	21	20	20	20	18
MEAN	18	18	17	18	18	17	17	18	19	18	18	18	17	17	18	18	18	18	18	18	18	18	18	18	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	22	26	28	30	28	28	26	26	22	22	21	21	22	21	21	21	20	19	19	19	19	23
2	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19
3	18	18	18	18	18	18	18	18	18	20	20	18	18	16	17	17	18	18	18	18	17	18	18	18	18
4	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	17	16	16	18
5	18	17	17	17	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16
6	15	15	15	15	15	15	15	17	18	17	16	16	16	16	16	17	18	17	17	17	17	17	18	17	16
7	17	17	17	17	18	19	20	22	21	18	18	18	18	17	19	19	20	21	21	20	19	19	18	17	19
8	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	19	19	18	18	16	16	17	17
9	18	18	17	17	17	15	16	18	19	18	17	17	16	16	16	16	16	17	17	17	17	17	17	17	17
10	18	18	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	19	21	18
11	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
12	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
13	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
14	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
15	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
16	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
17	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
18	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
20	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
21	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
22	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
23	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
24	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
25	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
26	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
27	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
28	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
29	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
30	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
31	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
MEAN	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	22	22	21	20	19	22	21	20	19	20	18	18	19	19	21	21	21	21	21	20	18	19	19	20
2	19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
3	18	18	19	19	18	18	18	18	18	18	19	19	18	18	18	18	18	18	18	19	18	18	19	22	18
4	22	21	20	21	20	20	20	22	20	22	22	24	23	22	20	18	18	18	18	19	20	20	20	19	20
5	18	18	18	18	18	19	18	18	18	18	18	18	16	16	16	17	15	14	15	16	16	16	15	15	17
6	15	16	16	16	15	15	17	17	17	16	17	17	16	16	16	16	16	16	18	18	17	16	16	15	16
7	15	15	15	14	14	14	15	16	16	16	16	16	18	18	16	17	16	14	17	14	17	17	16	15	16
8	16	14	17	16	15	15	16	17	18	17	17	17	15	15	16	16	16	16	17	17	17	17	17	18	16
9	15	15	15	15	16	15	15	16	15	15	15	15	14	14	15	15	18	15	15	15	17	17	17	17	15
10	15	15	15	15	16	15	15	16	15	15	19	16	14	17	17	17	18	18	20	22	22	18	18	22	15
11	22	22	23	19	18	18	19	22	22	18	21	18	14	16	18	18	18	17	17	18	20	18	19	21	19
12	18	18	18	21	18	18	18	22	22	20	20	22	22	22	22	24	21	22	20	20	18	18	18	18	20
13	18	18	18	17	17	17	17	17	19	21	20	20	23	26	25	20	18	18	18	18	18	18	18	18	19
14	18	18	18	18	19	19	19	20	22	22	21	21	21	21	21	21	22	22	22	22	22	22	22	22	21
15	18	18	18	18	18	18	19	19	19	19	21	22	22	22	22	22	19	19	19	20	22	24	23	22	20
16	20	20	22	29	27	22	23	24	22	21	18	18	18	18	18	18	18	18	18	18	18	17	17	20	20
17	15	15	18	17	17	18	19	18	16	15	14	18	17	17	17	17	11	11	10	10	11	11	12	12	14
18	14	15	14	14	18	16	16	16	18	15	14	14	15	15	14	14	13	12	12	13	14	13	13	14	14
19	12	17	42	38	28	28	16	16	24	26	21	15	12	13	15	15	18	15	14	14	14	13	13	13	19
20	10	10	9	9	9	7	8	11	13	12	11	11	10	11	11	10	10	10	12	11	13	12	12	11	11
21	11	11	10	10	10	10	11	12	14	14	11	13	11	12	14	12	14	12	10	11	13	11	11	12	12
22	11	11	11	12	12	11	11	11	10	10	10	10	12	11	11	11	12	13	13	14	18	19	13	12	12
23	12	12	12	10	11	13	12	11	12	11	11	11	11	12	12	13	13	13	12	12	11	11	12	11	12
24	12	12	12	12	12	13	13	13	15	12	12	12	12	12	12	12	14	13	13	12	12	12	12	12	12
25	11	11	10	11	11	12	12	12	13	13	13	13	14	13	13	12	14	14	12	11	10	12	12	12	12
26	14	14	14	14	14	17	18	18	17	18	15	14	14	14	15	14	14	14	14	15	15	14	14	14	15
27	13	13	13	14	13	14	14	14	14	17	14	14	12	11	12	13	14	14	14	16	18	19	18	18	14
28	16	17	18	17	18	18	25	32	22	21	21	15	15	15	16	17	16	16	16	16	15	16	15	18	18
29	15	15	14	14	14	14	14	14	16	15	13	13	13	13	13	13	14	15	16	16	16	19	19	19	15
30	- DATA MISSING -																								
MEAN	16	16	17	17	16	16	17	17	18	17	17	16	16	16	16	16	16	16	16	16	17	16	16	16	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	18	20	22	28	26	33	22	21	23	20	22	24	24	17	17	17	18	17	17	16	17	17	20
2	16	18	18	17	17	17	18	18	16	16	16	15	16	17	16	16	16	16	16	16	16	16	16	16	17
3	15	15	15	15	15	15	15	20	20	17	18	16	16	17	18	18	17	16	16	16	16	16	17	17	17
4	15	15	15	16	16	17	17	18	18	18	15	15	16	15	16	17	17	17	18	18	20	20	19	19	17
5	17	17	17	20	20	20	22	23	20	18	18	17	16	16	17	18	18	18	18	18	16	16	15	15	18
6	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	16	16	16	18	22	17	16	16
7	16	15	15	15	13	14	16	15	15	14	14	15	15	18	18	17	17	16	17	16	18	14	16	16	16
8	17	16	14	15	15	13	13	12	12	12	12	11	13	13	12	12	11	9	9	8	8	7	17	16	12
9	17	14	14	14	14	14	13	15	15	13	14	14	16	15	14	15	15	14	14	14	14	23	28	22	16
10	22	21	21	21	19	18	20	18	22	18	16	15	16	16	14	14	14	13	13	13	13	12	12	16	16
11	16	16	15	15	17	17	21	22	17	14	14	14	15	15	15	15	14	14	14	15	14	18	18	16	16
12	35	51	30	32	22	24	26	25	18	18	17	16	16	15	15	15	15	14	14	15	14	18	26	21	15
13	24	19	21	18	15	14	14	14	14	14	14	13	15	15	15	15	14	14	15	14	13	12	12	15	15
14	17	16	21	15	14	14	14	18	17	19	22	20	23	27	24	25	22	16	15	15	14	14	15	18	18
15	22	22	25	24	18	15	18	21	18	18	22	26	22	18	18	18	18	17	16	16	15	17	18	17	19
16	19	22	16	19	18	14	14	16	15	15	21	18	19	15	15	14	18	16	17	17	21	23	22	18	18
17	25	30	27	37	50	29	30	26	6	6	0	0	18	22	24	19	21	19	18	21	22	26	27	37	23
18	24	22	26	31	22	20	18	17	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
19	- DATA MISSING -																								
20	- DATA MISSING -																								
21	- DATA MISSING -																								
22	- DATA MISSING -																								
23	- DATA MISSING -																								
24	- DATA MISSING -																								
25	- DATA MISSING -																								
26	- DATA MISSING -																								
27	- DATA MISSING -																								
28	- DATA MISSING -																								
29	- DATA MISSING -																								
30	- DATA MISSING -																								
31	19	20	19	20	19	18	18	19	16	15	16	16	17	17	17	16	16	15	15	15	15	16	17	18	17

PERCENTAGE OF DATA VALID - 60

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	6	6	7	9	9	10	10	10	9	10	8	9	18	18	17	12	9	11	10	11	12	10
2	19	21	25	35	39	50	39	39	32	24	15	11	10	12	12	12	10	10	9	8	8	9	10	9	20
3	11	10	12	13	21	17	16	18	20	12	11	10	12	12	9	8	6	7	8	8	8	8	8	9	11
4	12	10	10	10	12	10	10	8	8	8	6	5	8	8	7	7	7	7	6	6	6	6	6	6	8
5	8	7	7	7	6	7	8	12	10	8	8	8	9	12	12	14	12	10	10	12	15	14	15	19	10
6	23	17	18	18	18	19	16	17	23	26	22	21	22	18	13	8	7	6	6	7	6	7	10	10	15
7	12	10	9	10	8	8	9	11	10	9	8	7	10	9	9	12	11	9	8	8	11	13	16	14	10
8	14	12	10	10	11	13	13	14	12	12	11	10	13	10	9	9	8	8	8	11	10	8	10	12	11
9	16	15	11	8	8	8	9	9	9	9	8	8	10	9	9	9	9	8	8	8	8	9	8	8	9
10	8	8	8	8	7	8	8	8	8	8	8	8	9	9	8	8	8	8	8	8	9	9	10	8	8
11	10	10	10	12	12	12	11	10	10	10	9	8	10	10	10	9	9	8	9	10	11	11	11	11	10
12	13	12	11	12	15	14	16	15	14	14	16	14	17	16	16	18	16	14	14	16	15	22	20	16	15
13	18	15	15	14	13	12	14	16	16	16	15	15	16	22	18	18	17	13	14	14	14	14	16	18	16
14	24	30	22	17	15	18	27	32	30	26	28	15	16	16	15	17	16	15	16	16	15	16	15	20	20
15	12	11	10	11	11	10	11	12	11	11	11	10	14	14	12	12	10	10	9	10	9	10	11	10	11
16	11	10	10	10	11	10	12	11	9	11	9	10	12	12	11	11	10	10	11	10	13	16	17	17	11
17	17	15	15	14	14	14	14	11	10	9	10	10	11	12	11	10	11	11	11	12	12	12	12	12	12
18	14	14	15	18	16	17	18	28	22	17	16	20	18	22	18	19	16	13	14	15	14	14	13	17	17
19	24	21	21	19	18	18	24	20	14	14	13	12	14	13	12	12	12	11	9	8	8	9	10	9	14
20	11	10	12	17	15	16	20	20	22	17	26	19	27	14	14	16	15	16	14	13	12	11	10	10	16
21	10	10	10	9	9	9	10	11	10	10	10	13	13	11	12	14	11	11	11	11	10	9	10	10	11
22	12	12	12	11	11	11	14	15	14	13	13	12	16	16	15	15	16	18	16	16	16	17	15	14	14
23	16	15	12	12	12	12	12	14	14	13	14	13	15	16	16	17	16	22	20	21	20	21	19	20	16
24	23	24	23	30	31	29	20	18	17	15	16	14	15	15	14	15	15	16	17	18	17	17	17	25	19
25	27	28	89	28	22	22	18	21	21	26	22	21	21	20	18	18	16	15	16	21	22	20	20	20	24
26	16	15	13	14	19	30	27	27	23	13	11	10	15	14	14	14	14	14	11	12	11	10	10	9	15
27	17	19	19	16	15	18	24	20	18	20	20	12	14	13	14	14	13	13	12	12	15	24	20	20	17
28	16	15	13	14	19	30	27	27	23	13	11	10	15	14	14	14	14	14	11	12	11	10	10	9	15
29	10	10	16	11	11	12	13	13	13	12	12	12	14	15	14	16	16	14	17	20	13	12	11	10	13
30	11	11	10	10	10	10	11	12	12	12	15	14	15	17	15	13	12	12	12	18	25	14	16	13	13
MEAN	15	14	16	14	14	15	16	16	15	14	14	12	14	14	13	13	12	12	12	12	13	13	13	13	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	20	21	18	19	18	16	15	13	12	12	4	3	1	1	1	1	2	3	4	7	6	8	10
2	22	19	17	17	14	14	13	13	12	12	10	10	11	11	12	10	10	10	10	9	10	10	9	8	12
3	10	10	10	12	10	10	10	10	12	10	11	12	13	11	14	13	12	10	10	10	10	10	12	12	11
4	13	13	12	12	12	13	15	17	16	12	12	13	13	13	14	14	14	13	12	12	13	12	12	12	13
5	12	12	12	12	12	12	12	16	14	12	11	12	14	16	14	19	19	18	21	21	23	22	22	21	16
6	21	20	20	20	22	22	23	22	21	26	19	20	19	19	18	18	18	18	18	18	18	18	20	21	20
7	21	26	29	33	34	31	35	34	25	11	10	8	7	7	7	7	6	7	9	10	9	8	7	8	16
8	11	14	22	20	22	16	15	12	13	12	17	10	10	8	8	7	8	9	10	11	11	11	10	10	12
9	11	13	21	22	19	14	13	10	10	12	12	12	12	11	11	11	10	11	11	9	7	7	7	7	12
10	7	7	7	8	10	11	13	16	10	9	9	11	11	10	8	7	8	8	9	10	10	9	11	9	10
11	9	16	14	12	18	23	22	24	18	16	12	15	18	18	18	19	18	15	26	23	20	20	23	23	18
12	23	32	27	40	29	18	21	19	18	21	19	18	16	15	14	14	13	14	18	16	14	16	16	15	19
13	16	18	18	16	15	18	22	27	22	18	16	15	16	15	17	15	13	14	11	11	12	12	12	19	16
14	19	24	17	18	13	14	15	16	21	18	10	10	8	8	12	12	12	12	12	12	12	12	12	12	15
15													-	DATA MISSING	-										
16													-	DATA MISSING	-										
17													-	DATA MISSING	-										
18													-	DATA MISSING	-										
19													-	DATA MISSING	-										
20													-	DATA MISSING	-										
21													-	DATA MISSING	-										
22													-	DATA MISSING	-										
23													-	DATA MISSING	-										
24													-	DATA MISSING	-										
25													-	DATA MISSING	-										
26													-	DATA MISSING	-										
27													-	DATA MISSING	-										
28													-	DATA MISSING	-										
29													-	DATA MISSING	-										
30													-	DATA MISSING	-										
31													-	DATA MISSING	-										
MEAN	15	17	18	19	18	17	18	18	16	14	13	13	12	12	12	12	12	11	13	13	12	12	13	13	14

PERCENTAGE OF DATA VALID - 44

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
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26																									
27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	8	13	16	16	22	22	7	***	***	***	***	***	***	7	8	8	8	9	9	10	13	15	12
2	18	17	11	9	7	7	7	8	8	8	9	9	8	8	8	8	8	7	7	6	6	6	6	6	8
3	6	6	6	6	5	6	6	6	6	6	5	6	6	6	6	6	6	6	7	7	7	7	7	7	6
4	6	6	7	7	6	7	7	7	7	6	6	6	6	6	6	6	6	6	7	7	7	8	11	10	7
5	9	9	8	8	8	9	13	17	16	11	8	8	8	8	8	8	9	9	10	10	9	8	9	9	10
6	9	9	8	8	8	8	10	13	14	12	8	6	***	6	6	6	***	***	6	***	***	***	10	15	9
7	10	8	11	23	24	21	13	9	8	8	7	6	7	6	7	9	10	9	10	11	12	12	12	14	11
8	13	11	11	12	14	17	19	20	19	17	14	14	13	13	13	13	11	10	9	8	7	6	7	7	12
9	7	6	6	6	6	5	6	6	6	6	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6
10	6	6	6	6	6	7	9	10	8	9	7	5	***	***	***	***	***	***	***	***	***	***	***	***	***
11	4	4	6	7	8	11	20	22	16	13	12	10	9	10	9	8	8	9	9	10	11	11	11	10	10
12	11	9	9	9	10	10	12	13	15	11	12	13	14	9	7	7	7	8	8	8	8	8	8	9	10
13	15	18	21	18	13	12	15	15	14	12	15	19	24	18	17	19	12	10	10	11	11	9	10	15	15
14	11	10	8	7	8	9	8	7	6	6	6	6	7	7	7	6	6	6	7	7	7	7	10	11	8
15	9	10	9	9	7	8	12	19	17	12	9	8	7	6	5	5	5	5	6	7	6	7	9	8	9
16	8	8	9	8	8	8	10	11	11	13	13	9	8	7	7	6	6	6	6	6	6	5	5	5	8
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	6	6	7	8	11	***
18	9	8	6	***	***	***	***	8	8	7	6	6	6	7	7	8	10	10	9	10	10	9	7	7	8
19	6	6	5	5	5	5	5	7	7	7	7	6	6	6	7	8	8	8	8	9	9	14	7	7	8
20	5	5	5	5	5	6	7	7	6	5	5	9	5	5	5	5	5	5	6	6	6	6	6	6	6
21	10	12	7	5	5	4	7	8	8	8	7	7	6	***	10	10	11	10	10	12	11	10	9	8	8
22	9	8	8	8	8	8	10	11	12	11	11	11	10	10	11	11	11	10	10	10	11	10	10	11	10
23	10	11	11	11	11	12	13	14	15	11	10	9	9	8	8	8	9	9	9	10	10	10	10	10	10
24	12	11	10	9	9	9	9	9	10	11	11	11	11	12	14	16	15	16	22	17	16	16	18	23	13
25	28	22	22	24	19	21	23	26	17	14	12	11	12	13	13	12	14	13	11	11	11	11	13	14	16
26	12	14	12	11	8	10	11	11	11	11	11	11	12	15	16	16	17	20	27	24	22	16	13	11	14
27	12	11	10	9	8	9	10	12	13	12	12	13	12	13	14	15	14	14	14	14	13	13	13	13	12
28	12	12	11	11	11	12	13	13	14	14	14	14	14	14	14	15	14	14	15	15	15	15	15	20	14
29	21	26	23	15	15	15	16	17	16	17	***	16	20	19	19	18	19	23	17	14	12	11	11	11	17
30	10	10	10	10	10	10	10	10	10	10	11	11	11	11	10	10	11	11	11	12	14	14	12	14	11
MEAN	11	10	10	10	10	10	11	12	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	10

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	14	16	16	16	15	16	16	12	11	11	10	10	10	10	10	11	10	10	11	12	12	11	9	12
2	10	10	10	9	10	10	12	14	15	15	15	13	13	13	13	13	14	13	13	12	14	19	23	27	14
3	24	20	19	19	19	22	25	32	34	28	***	24	22	23	22	20	20	16	15	13	13	13	12	13	20
4	14	16	13	12	30	21	21	21	17	13	13	13	13	13	12	11	11	11	11	13	12	12	11	11	14
5	11	10	10	11	11	12	18	17	17	15	16	***	15	15	15	15	15	14	14	13	13	12	13	14	14
6	13	12	15	17	18	19	18	28	31	25	22	22	19	16	17	21	25	24	19	18	16	13	12	10	19
7	10	11	10	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	11	13	13	13	13	10
8	12	13	14	12	10	11	12	11	10	10	9	8	8	8	8	8	8	8	8	9	9	8	8	8	10
9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	9	10	10	10	10	9
10	12	12	11	11	12	15	19	17	12	11	11	11	11	11	12	12	11	11	11	11	12	11	11	11	12
11	14	14	27	12	11	10	11	12	14	12	13	12	12	13	13	15	14	13	13	12	11	12	12	11	13
12	12	11	11	11	12	12	13	15	12	12	12	11	11	11	11	12	11	11	11	11	10	10	10	10	11
13	9	8	9	9	9	10	12	14	16	15	12	11	11	11	11	12	10	8	8	9	9	11	11	10	11
14	11	11	10	10	10	11	11	12	12	12	12	11	11	11	10	8	8	8	9	9	9	9	8	8	10
15	9	9	9	9	9	9	9	9	9	8	8	8	9	9	9	9	9	9	9	10	10	10	10	10	9
16	10	10	9	9	9	9	10	11	11	12	12	12	***	***	11	12	12	11	10	10	9	9	9	9	10
17	8	8	7	7	7	8	9	10	10	10	10	11	10	10	11	11	11	11	12	12	11	11	11	10	10
18	11	11	11	11	11	11	12	14	15	13	12	12	11	13	13	15	14	13	12	13	12	11	12	12	12
19	11	11	11	11	11	11	12	13	13	13	11	11	11	11	11	11	12	12	11	12	12	12	13	17	12
20	18	18	18	14	18	19	18	17	16	16	***	11	11	11	12	12	12	12	14	13	14	14	15	14	15
21	14	14	13	12	12	16	19	17	13	12	12	12	12	11	12	13	13	13	12	10	11	10	10	10	13
22	11	11	11	11	11	11	11	12	12	11	12	12	13	13	13	14	14	14	13	15	14	14	13	13	12
23	12	12	12	13	13	14	18	20	21	23	25	16	17	18	18	17	16	15	15	15	16	14	14	13	16
24	12	12	12	12	12	12	12	13	13	13	13	13	12	13	13	13	14	14	13	12	12	11	12	11	12
25	11	11	11	11	11	11	11	11	13	13	14	15	16	15	14	15	15	14	14	14	14	15	16	15	13
26	14	14	14	13	14	14	14	15	15	15	15	14	14	13	13	14	14	13	13	13	14	15	14	14	14
27	14	14	14	14	15	17	21	21	19	17	18	18	19	20	20	17	17	17	16	16	15	15	16	19	17
28	23	24	22	25	27	22	21	23	24	26	18	16	16	17	20	21	19	21	25	24	19	18	18	17	21
29	17	16	16	14	14	13	13	13	13	13	13	14	14	13	13	14	13	13	13	13	13	13	12	12	14
30	12	12	12	12	12	12	12	14	14	13	13	14	13	13	14	16	16	15	15	15	15	15	15	16	14
31	16	14	14	14	14	15	15	15	17	16	15	14	14	13	13	13	14	14	13	15	15	14	13	15	14
MEAN	13	13	13	12	13	13	14	15	15	14	13	13	13	13	13	13	13	13	13	13	13	12	13	13	13

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	13	14	14	13	13	14	14	14	14	14	13	13	14	13	14	14	15	16	16	15	17	19	14
2	15	15	16	15	14	14	14	16	17	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17
3																									
4																									
5																									
6																									
7																									
8																									
9	14	14	13	13	12	13	13	14	15	17	20	22	22	21	21	17	17	15	14	14	14	14	14	14	16
10	14	12	11	10	12	11	10	13	15	14	13	12	12	12	11	13	13	12	11	11	11	11	11	11	12
11	11	10	10	10	10	10	12	13	14	14	15	16	17	15	14	15	16	16	16	14	13	12	12	13	13
12	13	14	14	15	14	14	14	14	13	13	13	13	13	13	14	14	14	13	13	12	12	12	13	13	13
13	13	13	13	13	12	11	11	11	11	11	12	12	12	12	12	13	12	12	10	9	9	9	8	7	11
14	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	14	14	13	13	12	12	12	13	12	9
15	13	12	12	12	12	12	12	12	13	14	14	14	14	14	15	15	17	19	18	17	17	17	17	17	15
16	17	17	17	17	16	17	17	18	19	20	39	41	25	22	20	20	21	20	19	17	17	17	17	17	20
17	16	18	21	19	18	18	17	25	26	27	25	23	22	20	18	21	19	19	20	19	18	17	17	18	20
18	16	18	15	14	15	14	14	15	16	17	16	16	16	16	15	16	17	18	19	18	17	18	18	18	16
19	18	19	19	18	16	14	14	14	12	13	13	13	13	13	14	14	14	14	14	14	13	14	15	13	15
20	13	12	13	13	13	13	13	14	16	17	17	18	18	18	17	20	22	25	26	23	20	19	20	19	17
21	16	15	15	15	15	15	15	17	19	25	23	21	18	19	22	22	24	25	22	19	19	18	18	18	19
22	18	18	18	18	16	15	16	17	19	20	20	21	21	18	18	20	21	22	19	19	18	19	20	19	19
23	18	18	19	17	17	17	17	18	21	21	20	20	19	18	18	20	20	21	20	19	19	18	17	17	19
24	17	17	17	16	16	16	18	21	21	21	22	22	22	22	22	24	24	23	22	20	21	22	23	23	21
25	22	24	24	22	20	19	20	21	23	24	22	18	16	17	18	18	19	20	21	19	18	17	16	17	20
26	16	15	14	14	14	14	14	14	14	13	15	16	17	16	16	16	16	16	16	16	16	16	16	16	15
27	15	15	15	15	14	14	14	16	17	17	17	16	15	15	16	18	20	20	19	18	18	17	18	19	17
28	19	18	19	18	18	17	18	19	20	21	22	22	22	20	21	21	20	20	19	18	18	18	18	17	19
29	16	17	16	17	16	16	17	18	20	19	19	20	19	19	19	20	21	22	22	24	23	22	23	26	20
30	25	22	21	21	22	19	17	17	21	21	21	23	26	23	25	21	17	17	17	17	17	16	16	18	20
MEAN	16	16	15	15	15	14	14	16	17	17	18	18	17	17	17	18	18	18	18	17	16	16	16	16	16

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	19	19	21	22	21	21	22	21	17	17	17	17	19	20	22	27	21	19	19	19	19	18	20
2	20	23	21	22	26	23	19	19	20	21	22	19	19	19	20	22	23	24	21	21	21	21	25	25	22
3	23	22	20	18	17	17	16	16	16	16	16	17	16	16	17	17	17	17	17	17	17	17	17	17	17
4	16	16	15	14	14	14	15	16	17	17	17	18	18	18	18	19	21	20	18	16	16	16	16	16	17
5	16	16	16	16	16	16	16	17	20	25	27	31	34	30	28	24	26	29	32	25	24	27	25	24	23
6	23	22	21	23	26	28	27	31	29	25	22	21	19	19	18	19	21	22	22	21	21	20	20	20	23
7	19	19	19	19	19	20	20	21	23	24	23	23	22	22	23	23	24	24	25	22	26	23	22	22	22
8	22	20	20	20	20	20	20	21	21	22	21	24	23	24	25	28	25	26	25	24	25	27	27	28	23
9	25	26	27	22	23	25	23	23	23	25	24	24	24	26	27	27	38	39	29	26	24	23	26	22	26
10	22	22	22	22	21	21	21	23	22	21	21	21	20	20	20	21	21	20	20	20	19	19	19	19	21
11	19	19	18	18	18	18	18	21	23	22	24	23	22	22	22	22	23	23	22	22	23	23	23	26	21
12	26	25	23	22	22	22	23	24	28	30	28	24	23	21	20	20	22	21	20	21	22	24	25	26	23
13	24	21	21	20	19	19	19	19	19	20	20	20	21	20	21	21	22	22	22	22	22	21	21	20	21
14	20	20	20	20	19	19	19	23	27	26	25	24	23	24	24	25	26	26	26	24	23	23	21	20	23
15	19	18	18	17	17	17	17	17	17	17	17	18	19	19	19	20	22	22	21	20	22	22	21	21	19
16	20	20	20	20	20	20	20	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	19	21	19
17	20	20	20	19	19	18	18	18	19	19	18	19	19	20	20	20	20	20	20	20	19	19	19	19	19
18	18	18	18	18	18	19	19	20	21	22	22	23	24	25	25	26	27	27	25	25	24	24	24	24	22
19	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	22
20	27	27	26	26	24	22	21	21	21	20	20	19	20	21	22	23	23	23	21	21	20	19	19	18	22
21	18	18	17	17	18	18	18	20	23	23	27	30	30	29	25	25	26	28	28	30	30	30	30	29	25
22	26	24	23	22	23	24	25	25	27	28	28	28	29	30	31	33	32	33	32	25	24	24	23	22	27
23	22	22	22	23	23	23	21	23	23	24	25	26	25	24	24	24	25	25	26	27	29	34	32	28	25
24	25	25	25	26	26	26	25	25	25	25	24	23	22	22	22	22	22	23	23	23	23	23	24	25	24
25	25	25	24	23	21	21	21	21	21	21	21	21	20	19	18	21	22	23	23	23	23	23	23	23	22
26	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
27	19	18	18	18	18	18	19	20	21	22	22	22	22	21	21	21	21	21	21	21	21	21	21	21	21
28	21	20	19	19	19	19	19	19	20	22	25	23	23	23	24	23	23	23	22	21	21	21	21	21	21
29	20	20	20	20	19	19	19	20	24	25	23	22	22	22	21	22	22	19	19	19	19	19	19	19	21
30	19	19	19	19	18	18	19	20	19	19	20	21	21	21	21	21	21	21	20	21	20	20	20	20	20
31	20	19	19	19	19	19	19	20	20	21	22	25	30	28	26	27	25	24	23	23	23	23	23	23	23
MEAN	21	21	20	20	20	20	20	21	22	22	22	22	22	22	22	23	23	24	23	22	22	22	22	22	22

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	16	19	34
FEB	29	18	22	28
MAR	30	18	23	30
APR	29	16	21	42
MAY	21	17	23	51
JUN	30	14	24	89
JUL	14	14	20	40
AUG	1	7	0	7
SEP	30	10	17	28
OCT	31	13	21	34
NOV	25	16	21	41
DEC	31	22	27	39
YEAR	302	16	27	89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	684	26	2	0	0	0	0	712
FEB	0	520	154	0	0	0	0	0	674
MAR	0	593	87	0	0	0	0	0	680
APR	26	536	114	3	0	0	0	0	679
MAY	26	332	84	8	0	0	0	0	450
JUN	229	387	78	8	1	0	0	0	703
JUL	91	180	50	7	0	0	0	0	328
AUG	6	0	0	0	0	0	0	0	6
SEP	411	230	29	0	0	0	0	0	670
OCT	159	529	48	3	0	0	0	0	739
NOV	27	430	121	2	0	0	0	0	580
DEC	0	204	513	13	0	0	0	0	730
YEAR	975	4625	1304	46	1	0	0	0	6951

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
79	0	9.0	13.0	15.5	17.6	21.4	23.4	26.2	28.7	89	15.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	19	21	20	19	18	18	18	18	18	18	18	18	18	18	18	18	18	20	24	23	20	19	19	19
2	22	23	21	18	18	18	19	19	19	19	19	19	20	20	22	22	21	20	19	18	18	18	18	18	19
3	18	18	18	18	20	20	20	21	26	23	21	20	20	20	20	19	21	21	20	20	21	21	21	21	20
4	22	21	19	19	19	19	19	22	22	23	22	21	25	19	19	18	19	18	15	16	16	16	16	16	19
5	16	13	12	11	13	13	13	17	19	18	18	19	17	16	16	19	20	22	24	21	21	21	21	19	17
6	20	23	24	24	21	20	19	20	21	22	21	21	19	16	15	15	20	17	18	17	17	15	16	16	19
7	17	16	16	15	15	15	15	17	19	18	18	19	20	18	18	18	19	18	18	19	18	18	19	20	18
8	15	15	15	16	16	17	17	17	18	17	17	17	17	16	16	18	18	18	18	18	18	19	18	17	17
9	17	16	16	17	18	17	17	17	16	16	16	16	16	16	16	16	18	18	17	16	17	19	19	21	17
10	18	17	17	17	18	19	19	25	26	23	23	24	20	20	20	22	26	28	22	21	21	22	23	37	22
11	54	40	29	26	18	14	15	17	18	18	17	17	19	20	20	20	22	21	21	21	24	25	22	20	22
12	22	22	21	19	19	19	20	22	24	25	23	23	21	21	22	21	24	23	21	20	20	21	20	22	21
13	25	25	25	22	19	18	18	23	23	23	23	25	23	22	21	21	23	24	20	20	19	18	18	20	22
14	18	18	18	19	19	21	25	25	28	30	28	26	21	20	20	22	24	23	21	22	21	20	22	22	22
15	20	20	20	20	20	20	20	21	21	21	22	21	22	21	26	32	23	23	23	24	25	27	25	24	23
16	23	23	23	24	24	23	24	25	24	24	25	25	22	21	19	22	21	21	21	23	22	21	21	21	23
17	20	20	19	19	19	19	19	21	21	20	19	20	21	21	14	16	18	16	15	14	15	13	12	14	18
18	13	11	11	11	11	11	12	13	15	14	14	14	13	13	13	16	18	16	13	13	13	13	12	14	13
19	12	11	11	11	11	10	10	11	13	12	11	11	13	13	14	17	20	19	18	18	18	16	16	14	14
20	17	16	15	15	15	16	16	18	18	23	18	17	23	20	18	19	25	26	21	20	21	19	15	16	19
21	15	14	14	14	18	16	17	18	23	28	21	22	22	23	20	21	21	20	19	17	19	18	17	17	19
22	17	17	16	17	16	16	15	21	22	19	18	19	21	24	26	18	17	17	16	16	16	16	17	17	18
23	15	15	14	14	14	13	13	13	13	13	13	13	14	14	17	18	14	15	15	17	16	15	15	15	15
24	14	15	14	13	15	14	15	16	17	17	18	18	17	18	16	16	16	16	15	14	14	15	18	16	16
25	18	16	16	15	15	15	15	15	15	15	15	18	20	21	21	20	24	22	20	20	21	21	21	20	18
26	20	20	20	19	19	20	20	22	23	23	21	21	23	22	22	22	24	25	23	23	22	22	22	23	22
27	21	21	21	20	20	19	21	24	24	22	22	22	21	21	22	22	27	23	22	21	22	22	23	25	22
28	22	22	23	22	22	22	23	25	27	26	23	23	22	22	21	21	24	24	22	22	21	22	22	24	23
29	22	22	21	22	21	21	21	23	22	22	21	20	21	20	21	21	23	23	22	24	24	24	23	24	22
30	23	23	23	23	24	23	23	23	22	22	20	20	19	19	20	21	21	20	21	21	23	21	22	21	22
31	21	21	21	22	22	22	22	24	24	22	22	20	21	22	21	22	26	25	24	23	22	24	23	24	23
MEAN	20	19	19	18	18	18	18	20	21	21	20	20	20	19	19	20	21	21	19	19	20	19	19	20	19

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	24	25	24	24	25	26	27	26	23	22	22	21	21	18	18	18	19	20	23	21	17	22	
2	14	16	15	13	12	11	11	11	13	13	13	13	13	14	15	15	16	17	13	12	12	13	15	13	13
3	12	12	13	14	14	14	12	15	17	17	15	16	16	14	16	16	18	22	24	20	18	15	16	15	16
4	12	12	11	11	9	10	10	12	13	13	13	13	12	12	12	14	18	18	16	15	16	17	17	17	13
5	13	15	15	15	15	16	15	15	15	15	17	14	14	16	16	16	17	18	18	18	17	19	19	17	16
6	17	17	17	17	14	14	15	17	17	17	15	15	15	14	16	15	17	17	17	17	18	17	18	18	16
7	17	17	16	16	17	16	18	19	23	25	23	19	17	17	17	19	23	21	22	22	19	19	18	19	19
8	17	18	18	18	19	19	21	26	24	21	21	21	12	13	14	14	15	16	16	13	14	14	14	12	17
9	11	12	12	12	13	14	14	16	17	16	15	15	14	12	13	14	16	14	16	16	14	16	15	14	14
10	14	15	14	14	15	15	14	18	23	24	20	15	14	14	15	15	17	15	14	14	15	15	15	15	16
11	12	12	13	11	12	13	16	16	17	16	17	16	15	15	15	15	16	14	14	12	12	16	12	17	14
12	16	14	13	13	13	14	14	15	16	17	14	14	15	16	17	18	18	18	19	22	24	17	23	24	17
13	24	22	19	23	20	22	20	17	15	13	13	13	12	13	15	15	14	14	14	11	11	11	11	11	16
14	10	10	11	11	11	11	12	12	16	12	12	13	8	8	8	12	12	12	8	8	9	9	8	10	11
15	5	6	7	7	7	8	11	10	12	11	11	11	9	9	8	9	13	11	7	7	7	9	9	9	9
16	7	7	7	7	7	7	7	9	10	12	14	13	16	15	15	14	15	16	16	14	16	18	17	17	12
17	16	16	15	15	15	14	14	14	14	17	19	16	17	17	19	18	18	18	18	19	15	15	15	16	16
18	15	16	13	15	14	15	15	16	19	18	19	20	21	22	23	25	28	27	23	18	16	17	14	15	19
19	13	13	13	13	13	13	13	14	15	16	16	14	13	13	13	13	13	13	13	13	11	11	12	13	13
20	12	12	12	13	14	15	16	16	14	14	15	15	14	14	15	15	14	14	14	16	16	16	18	19	15
21	18	18	18	20	19	19	19	19	20	20	22	23	18	18	18	20	22	18	18	17	17	17	17	17	19
22	15	15	15	15	15	16	17	17	17	18	17	17	18	18	18	18	20	23	19	19	20	21	21	20	18
23	20	23	23	24	24	21	21	25	25	21	23	22	18	18	18	17	18	18	18	16	18	18	17	19	20
24	18	19	20	21	21	20	21	23	27	24	25	15	16	16	16	69	19	19	21	21	21	21	21	20	22
25	20	20	19	17	17	19	22	32	31	32	28	23	22	22	22	23	22	20	18	18	19	17	17	17	22
26	17	18	18	18	16	16	16	19	19	25	18	16	16	16	16	20	18	17	17	18	18	18	18	18	16
27	18	18	18	17	17	18	18	18	18	18	17	17	17	17	18	18	16	16	16	17	16	15	15	17	17
28	18	18	16	16	17	17	17	18	21	22	20	20	20	23	21	22	25	28	22	24	23	21	21	21	20
29	20	19	16	18	21	21	18	19	19	19	19	19	19	21	22	25	31	33	25	23	20	20	20	20	21
MEAN	15	16	15	15	15	16	16	17	18	18	18	16	16	16	16	19	18	18	17	17	17	16	16	16	17

PERCENTAGE OF DATA VALID - 99

UNITS - PARTS PER TEN MILLION

MONTH MAR 72

13 14 15

PERCENTAGE OF DATA VALID - 48

UNITS - PARTS PER TEN MILLION

MONTH APR 72

13 14 15

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
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27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
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28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	37	38	41	40	40	41	36	33	32	32	35	37	36	31	29	27	27	28	31	36	43	39	40	35
2	44	40	40	41	35	35	34	32	32	31	31	33	33	32	33	30	29	27	27	27	26	26	26	25	32
3	27	27	29	29	27	28	29	29	31	30	30	31	31	31	35	32	31	29	29	28	30	30	29	30	30
4	30	29	28	28	28	33	37	42	33	28	30	32	33	33	35	36	32	29	28	28	30	29	31	30	31
5	30	28	28	28	28	30	32	39	36	31	33	33	19	22	18	27	16	15	18	18	20	19	20	17	25
6	15	15	16	15	17	17	22	24	17	22	19	19	19	19	24	27	22	14	12	14	12	12	13	14	18
7	16	16	15	19	23	22	36	25	17	22	17	17	17	15	18	19	24	15	14	12	16	16	15	16	18
8	13	15	20	28	26	27	22	22	19	19	19	21	18	17	17	14	14	14	15	16	18	17	17	15	18
9	15	16	21	27	27	24	20	18	17	17	17	18	19	19	19	19	19	19	18	17	14	13	12	12	18
10	12	12	12	12	13	15	17	20	21	17	15	14	17	18	17	15	15	15	15	15	16	16	15	15	15
11	15	15	23	19	19	24	32	50	34	28	27	23	25	31	31	30	28	24	20	27	26	27	22	23	26
12	23	24	32	29	38	33	21	23	21	20	23	22	23	22	22	22	22	21	20	22	19	16	17	17	23
13	15	16	16	16	15	15	18	22	25	23	20	20	18	19	18	20	17	14	15	14	13	13	14	14	17
14	22	20	24	20	20	16	16	20	21	27	27	20	20	20	21	22	27	19	17	20	18	16	15	14	20
15	13	12	11	11	11	12	12	13	13	13	14	15	14	15	16	15	16	15	17	18	23	23	18	16	15
16	20	27	24	20	17	19	18	23	21	19	15	16	18	20	20	23	23	26	25	25	23	23	20	18	21
17	21	22	20	20	19	25	23	32	31	26	26	31	28	31	33	29	27	24	22	29	20	19	19	18	25
18	18	17	16	17	24	31	31	25	23	22	23	24	27	23	26	23	23	22	26	21	24	28	27	21	23
19	21	19	17	16	14	14	16	21	23	22	23	24	24	25	24	25	25	23	24	23	25	23	21	23	21
20	23	22	24	21	23	27	36	40	27	32	24	25	25	30	31	32	33	28	27	26	24	27	27	26	28
21	22	22	21	21	21	24	27	28	20	17	18	22	15	17	18	16	15	13	14	14	14	14	14	15	19
22	14	13	13	13	14	20	22	21	19	17	15	16	18	20	24	24	19	17	16	18	21	18	17	15	18
23	13	13	13	13	15	16	16	15	16	17	20	18	16	16	18	16	17	16	15	14	16	15	14	14	16
24	14	14	13	13	14	15	20	21	20	20	23	22	17	18	16	16	15	14	15	15	17	16	14	17	17
25	14	15	17	20	19	24	29	23	18	16	16	14	14	14	15	15	15	14	14	14	15	15	15	15	15
26	14	13	13	13	13	14	15	16	15	15	15	14	15	16	16	19	16	16	16	16	16	16	16	16	17
27	15	15	15	15	15	16	19	20	19	22	21	18	18	16	16	18	18	18	16	16	16	16	16	16	17
28	14	13	13	14	14	14	13	14	15	16	19	16	15	14	17	17	16	18	17	16	17	15	16	16	17
29	16	15	18	20	18	14	14	14	15	16	19	16	15	14	17	17	16	18	17	16	17	15	16	16	17
30	- DATA MISSING -																								
31	26	26	32	29	31	24	25	23	22	24	25	23	23	23	23	22	20	20	20	20	20	20	20	19	21
MEAN	19	19	20	21	21	22	24	26	23	22	22	21	22	22	23	23	22	20	20	20	20	20	19	19	21
PERCENTAGE OF DATA VALID -	92																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	22	22	22	22	25	27	28	26	25	28	27	24	26	29	32	25	23	24	25	29	30	25	23	26
2	24	24	21	20	19	20	22	30	25	25	35	33	34	39	53	41	32	29	28	26	26	30	29	26	29
3	24	24	26	27	26	28	30	32	26	26	26	27	27	27	27	31	24	22	22	22	22	23	25	23	26
4	23	22	22	22	22	24	26	26	25	27	29	30	24	18	20	16	15	15	16	16	19	23	28	23	22
5	22	21	20	20	20	24	32	29	19	19	18	17	16	17	18	17	15	15	17	18	17	17	20	25	20
6	22	22	22	22	22	25	24	21	22	22	20	18	19	19	21	20	21	21	21	22	23	21	22	22	21
7	21	21	21	20	21	22	30	30	20	19	37	19	18	22	22	20	20	20	20	19	18	18	18	17	21
8	17	17	17	19	19	20	24	28	25	24	24	- DATA MISSING -													
9	- DATA MISSING -																								
10	14	12	14	12	12	12	12	12	12	12	12	12	12	12	12	18	18	16	16	18	19	20	23	27	16
11	25	36	31	25	21	29	26	32	23	21	21	20	20	23	26	21	21	19	19	19	18	17	18	18	23
12	18	18	18	20	32	30	42	30	24	23	24	23	22	22	23	26	22	23	25	30	32	30	28	27	26
13	26	22	22	21	19	31	39	21	22	25	25	24	24	24	25	26	28	26	26	34	46	29	37	24	27
14	21	24	27	27	28	27	34	37	34	30	28	29	29	24	28	31	27	24	24	25	22	20	20	22	27
15	22	21	20	20	20	22	23	28	25	24	30	36	27	30	32	27	25	24	24	23	26	24	25	23	25
16	27	30	29	27	27	25	27	28	19	21	20	20	21	23	23	23	21	20	18	16	16	16	16	16	22
17	16	16	14	15	13	14	15	17	16	17	18	20	18	21	24	23	22	17	18	17	16	16	18	23	18
18	16	17	18	18	20	24	28	26	20	20	19	17	18	17	21	17	16	14	15	15	16	16	15	15	18
19	15	15	14	13	13	15	32	26	23	21	22	18	17	17	20	21	20	21	19	19	17	16	16	15	19
20	15	15	15	14	14	15	15	16	16	17	19	19	18	17	19	18	17	18	18	19	20	20	22	21	17
21	27	28	28	30	33	39	48	53	27	21	22	22	24	30	27	26	24	22	20	20	21	19	17	16	27
22	17	17	17	17	18	21	23	25	22	21	21	21	22	24	27	27	25	21	23	23	25	19	16	22	22
23	15	16	17	18	18	20	25	26	22	22	22	22	22	22	22	23	21	21	22	22	24	28	31	22	22
24	28	25	31	32	29	26	27	42	30	23	24	22	22	32	28	28	27	23	22	22	27	26	25	17	27
25	14	15	15	17	18	20	21	20	19	19	18	19	19	18	19	18	19	18	18	18	19	17	17	16	17
26	17	17	15	15	15	16	17	17	17	16	17	18	19	20	19	19	18	18	18	18	17	17	17	16	17
27	18	15	13	16	16	14	15	15	14	14	14	15	17	16	16	15	14	15	15	15	14	14	14	13	15
28	12	12	12	12	11	13	15	16	15	14	15	15	16	17	18	18	17	14	16	18	17	18	18	17	15
29	16	15	14	12	12	13	17	21	17	14	16	24	22	19	19	21	20	14	13	14	14	14	16	14	16
30	14	13	12	12	13	14	20	24	24	20	19	27	18	21	21	20	20	18	16	15	15	14	16	19	17
31	19	19	17	41	32	23	44	68	22	19	19	17	24	24	24	24	23	21	19	18	17	17	21	19	25
MEAN	20	20	20	20	20	22	26	28	22	21	22	21	21	22	24	23	21	20	20	20	21	21	21	20	22
PERCENTAGE OF DATA VALID -					93																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	22	27	29	31	39	34	19	19	17	18	21	20	19	18	18	18	17	17	16	17	19	21	21
2	24	20	14	12	11	11	12	13	13	13	13	12	12	13	12	12	12	12	11	11	10	10	11	11	13
3	10	9	9	9	9	11	11	11	11	10	9	9	9	10	10	9	9	10	10	12	12	13	13	12	10
4	11	11	11	10	10	12	12	11	11	9	9	9	8	9	10	9	9	10	11	11	12	13	18	13	11
5	11	11	12	11	12	14	21	23	18	13	12	15	15	16	18	18	16	13	13	12	12	11	12	11	14
6	12	12	12	11	12	14	17	21	21	23	18	15	18	17	22	22	18	16	16	15	13	14	22	25	17
7	15	14	21	39	31	29	19	17	17	18	19	20	21	23	22	20	18	14	14	15	16	15	15	19	20
8	15	12	14	15	15	19	25	27	24	20	18	14	14	18	17	18	17	13	11	12	10	9	9	10	16
9	9	9	9	9	9	9	11	12	9	9	9	9	9	8	8	8	8	8	9	10	10	10	12	11	9
10	11	11	11	11	11	13	15	16	11	13	11	9	9	8	8	8	8	9	11	10	10	9	9	8	10
11	3	9	11	12	13	19	27	25	24	21	19	17	18	21	18	20	16	15	15	16	15	14	15	14	17
12	15	11	10	12	12	15	17	17	19	15	18	20	22	16	13	14	13	12	12	12	11	11	11	15	14
13	23	25	32	24	15	16	20	23	20	20	22	28	34	24	23	25	20	16	16	16	15	15	12	14	21
14	16	12	9	9	9	10	10	9	7	6	6	6	8	8	7	12	7	6	8	9	9	9	13	12	9
15	10	11	11	10	9	11	17	26	20	12	10	9	7	8	8	8	8	6	6	8	6	6	10	9	10
16	6	6	6	7	7	9	13	11	13	16	13	9	7	7	7	7	7	7	7	7	7	7	5	5	8
17	6	6	6	6	6	6	7	7	8	9	9	9	6	6	6	6	6	5	9	5	6	10	11	14	8
18	8	7	7	5	5	5	8	13	13	12	13	12	14	15	15	16	15	13	12	15	13	14	7	6	11
19	6	6	6	6	6	6	9	14	12	11	12	12	7	9	14	16	15	12	14	13	13	13	22	8	11
20	6	7	7	7	8	9	11	11	11	14	13	16	9	12	13	10	10	10	10	10	10	10	10	10	10
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	14	13	14	14	13	14	17	18	16	15	14	15	14	15	15	16	15	14	14	15	14	14	15	14	15

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13																								
2																									
3																									
4	17	23	19	14	41	26	25	27	22	23	23	29	28	31	29	26	26	21	19	17	18	17	16	16	16
5	16	15	15	15	16	16	24	24	23	20	21	19	20	21	25	19	19	17	16	20	18	17	15	15	21
6	17	15	17	22	23	25	20	39	39	33	21	26	20	14	15	15	23	18							22
7																									
8																									
9																									
10																									
11																									
12																									
13	12	12	12	12	12	14	16	19	21	20	17	14	13	14	16	15	14	14	14	14	14	14	14	15	15
14	13	13	13	13	13	14	15	43	17	17	16	15	15	15	13	12	12	12	14	14	13	13	15	14	15
15	14	15	15	15	15	16	16	14	14	14	15	16	14	13	14	14	14	15	17	16	17	17	17	17	15
16	18	17	16	16	16	16	18	18	17	17	19	18	17	19		14	13	13	13	12	12	12	13	11	15
17																									
18	17	17	18	17	17	17	19	21	21	17	16	16	15	16	17	23	17	16	16	17	16	16	17	17	17
19	16	18	17	17	18	18	22	22	21	19	16	16	15	18	20	18	19	18	18	19	20	20	22	29	19
20	27	30	26	22	29	29	26	22	22	21	18	17	16	17	20	19	18	19	22	21	21	21	23	22	22
21																									
22	22	22	20	20	20	29	32	26	22	20	20	19	19	18	20	22	21	21	20	18	17	17	18	18	21
23																									
24																									
25																									
26																									
27	17	16	16	16	16	17	18	22	24	23	21	19	21	20	19	22	16	16	14	14	13	13	15	19	18
28	23	27	24	27	32	23	20	23	27	30	21	16	17	17	25	22	22	23	29	31	20	17	17	31	24
29	17	15	14	13	12	11	12	12	11	12	13	13	14	12	14	15	14	13	12	12	13	13	13	12	13
30	12	12	12	12	12	13	13	14	15	14	13	13	13	13	15	14	16	18	15	14	15	16	15	16	14
31	20	16	13	14	15	17	17	17	20	17	15	13	22	13	13	14	14	15	13	14	16	13	13	14	15
MEAN	17	18	17	17	19	19	20	23	21	20	18	17	17	17	18	18	17	17	17	17	16	16	16	18	18

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	14	15	14	13	13	13	16	16	14	13	13	14	13	13	15	17	15	15	17	15	16	22	15
2	18	16	18	16	16	15	15	17	20	19	18	18	18	18	21	20	23	27	23	32	36	25	24	26	21
3	28	17	13	14	14	13	13	14	15	15	13	19	19	13	13	20	16	18	17	17	17	16	17	14	16
4	13	13	24	12	12	12	14	18	18	18	19	17	15	15	14	17	17	18	20	17	16	16	16	16	16
5	16	16	16	15	14	14	15	15	14	14	14	14	15	15	15	16	16	16	17	18	17	18	19	18	16
6																									
7																									
8	10	11	9	8	8	9	10	12	18	17	15	14	12	13	14	13	15	13	12	11	10	10	10	11	12
9	10	9	9	9	10	10	11	12	15	16	15	15	14	14	16	17	18	16	16	17	16	16	16	17	14
10	16	16	16																						
11	12	13	12	12	12	12	14	16	16	16	16	17	17	14	14	16	15	17	14	13	14	14	14	15	14
12	16	17	17	16	15	15	15	15	15	14	15	15	15	14	17	18	14	14	13	13	13	15	17	17	15
13	16	16	17	17	16	15	16	15	19	16	15	14	15	16	15	17	20	16	14	14	15	15	14	13	16
14	11	11	12	12	13	12	12	13	13	13	13	14	12	13	14	16	19	18	16	15	14	14	14	16	14
15	14	14	13	13	14	14	13	15	15	15	14	14	14	14	13	16	15	15	16	16	15	16	18	17	15
16	16	16	17	17	17	18	18	19	22	19	18	20	19	19											
17																									
18	18	18	17	16	17	17	18	20	21	22	21	20	18	18	18	19	19	19	21	23	21	24	24	24	20
19	22	25	25	24	21	18	18	18	17	17	17	17	17	16	18	18	17	18	19	18	18	18	19	17	19
20	16	16	18	17	16	17	17	20	22		19	17	16	14	15	18	19	24	25	21	19	19	20	18	18
21	15	14	14	14	14	15	16	20	23	28	23	20	19	19	20	21	23	25	21	18	18	17	17		19
22																									
23	21	20	22	19	18	18	19	20	24	22	21	20	18	18	18	19	20	20	20	18	18	18	16	16	19
24	17	16	16	16	16	16	18	20	22	20	22	20	19	19	18	21	21	19	18	18	19	21	23	22	19
25	21	25	24	21	20	20	22	25	26	27	24	20	18	19	20	20	20	22	20	20	18	19	20	21	
26	18	16	16	16	16	16	16	16	18	18	20	20	19	17	17	18	18	17	17	17	17	17	17	17	17
27	17	16	16	16	16	16	16	17	18	18	18	16	16	15	17	17	18	19	18	17	17	17	17	17	17
28	18	18	18	17	17	17	18	20	21	19	20	19	19	19	19	19	20	20	20	20	19	18	18	18	19
29	18	19	18	18	18	17	18	20	22	20	20	19	18	18	18	20	22	23	24	26	25	24	27	29	21
30	27	24	22	25	25	22	19	21	25	24	24	27	26	25	26	24	22	21	21	21	21	19	19	20	23
MEAN	17	16	17	16	16	15	16	17	19	18	18	17	17	16	17	18	18	19	18	18	18	17	18	18	17

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	21	21	21	20	20	21	22	23	17	14	14	14	15	15	17	17	18	17	17	17	18	18	16	18
2																									
3																									
4																									
5																									
6	23	20	20	22	23	26	26	29	24	18	17	17	16	16	15	17	18	19	17	18	16	16	16	18	19
7	15	15	15	16	18	18	19	23	24	22	21	20	19	20	21	20	22	22	22	22	27	21	20	20	20
8	20	18	18	18	17	19	18	20	20	20	19	24	25	25	26	30	29	26	24	22	28	28	32	33	23
9	25	27	31	22	26	26	23	24	25	26	25	24	24	27	31	30	44	40	33	26	23	23	29	22	27
10	23	23	23	22	22	21	23	23	22	20	20	20	20	22	22	25	22	21	21	20	20	20	21	21	22
11	20	20	20	20	20	20	22	26	29	25	25	25	23	23	23	24	25	25	23	23	24	25	25	29	24
12	28	26	24	23	24	24	27	27	35	35	29	25	24	23	22	23	27	24	22	22	24	26	27	28	26
13	26	23	23	21	20	20	20	21	22	15	15	14	14	13	14	16	16	17	17	17	16	15	15	18	
14	14	14	14	14	14	13	15	17	19	18	19	17	17	18	19	22	21	22	20	19	19	18	16	15	17
15	13	13	13	13	13	13	13	14	15	15	15	15	16	16	16	19	18	19	18	16	16	16	16	16	16
16	16	15	16	16	16	15	15	15	15	15	15	15	14	14	14	15	15	15	15	15	15	16	16	19	16
17	20	18	18	18	18	18	18	20	19	19	19	19	20	19	19	20	20	20	20	20	20	20	20	21	20
18	17	17	17	17	16	16	17	19	21	20	19	21	21	21	22	22	22	22	22	22	22	21	20	22	21
19	21	19	19	20	19	19	20	23	22	21	21	20	20	20	20	22	23	17	16	13	14	13	11	12	17
20	23	21	22	22	21	18	17	20	21	19	18														
21	11	11	11	12	12	13	15	16	18	16	20	24	23	21	18	29	27	28	26	29	29	29	29	33	21
22	26	23	20	19	20	23	23	27	26	25			24	25	27	28	28	27	26	19	19	19	17	17	23
23	15	15	15	17	17	15	14	17	19	18	19	21	20	19	19	18	18	19	21	23	25	30	26	20	19
24	18	19	20	21	22	21	20	20	20	18	17	16	16	16	16	16	16	18	18	18	18	19	20	21	19
25	19	20	19	17	16	16	15	16	17	17	16	16	15	15	15	17	18	18	18	18	18	17	17	17	17
26	16	16	15	15	14	15	15	15	17	16	18	18	17	17	18	20	18	18							17
27																									
28	16	15	14	14	13	14	16	18	19	20	20	19	17	17	17	18	19	20	19	18	19				17
29																									
30	10	10	10	10	10	10	10	10	12	11	11	13	12	13	12	12	12	12	12	12	12	11	12	11	11
31	11	11	11	12	11	11	12	12	11	13	12	12	26	18	14	13	12	12	12	13	13	13	13	13	13
MEAN	19	18	18	18	18	18	18	20	21	19	19	19	20	19	19	20	21	21	20	19	20	20	20	20	19

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	19	23	54
FEB	29	17	22	69
MAR	18	17	22	36
APR	14	24	32	61
MAY	20	26	44	80
JUN	26	26	44	109
JUL	30	21	35	50
AUG	30	22	29	68
SEP	29	15	25	45
OCT	21	18	24	43
NOV	29	17	23	36
DEC	28	19	27	44
YEAR	305	20	44	109

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	2	358	379	4	0	0	0	0	743
FEB	40	513	134	5	1	0	0	0	693
MAR	0	286	71	2	0	0	0	0	359
APR	0	99	189	21	1	0	0	0	310
MAY	25	86	226	124	4	0	0	0	465
JUN	11	182	208	179	5	1	0	0	586
JUL	0	344	260	82	0	0	0	0	686
AUG	0	293	361	43	1	0	0	0	698
SEP	168	360	104	17	0	0	0	0	649
OCT	0	316	104	10	0	0	0	0	430
NOV	15	475	145	2	0	0	0	0	637
DEC	7	339	264	12	0	0	0	0	622
YEAR	268	3651	2445	501	12	1	0	0	6878

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78	5	12.1	15.2	17.8	21.5	28.1	32.8	39.4	45.3	109	19.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
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27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
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27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	15	15	16	19	25	23	18	16	17	17	19	18	19	21	18	17	15	15	15	15	14	17
2	14	14	13	11	11	11	14	18	15	12	12	11	11	13	13	13	17	16	15	15	13	13	13	13	13
3	11	11	13	13	13	13	17	21	23	19	18	18	18	16	14	17	20	21	21	18	16	15	17	15	17
4	17	20	20	22	18	16	14	14	15	16	16	16	16	16	15	15	15	15	13	13	13	12	13	13	16
5	13	11	10	10	11	11	12	13	13	15	15	13	13	11	10	9	10	10	9	10	11	11	11	9	11
6	10	11	10	10	10	11	13	19	19	15	14	14	15	16	17	17	17	17	18	18	19	17	17	17	15
7	16	16	15	14	13	13	13	17	19	15	13	12	12	12	13										
8																									
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21																									
22	13	13	13	13	12	12	13	13	14	14	15	17	15	13	15	17	16	16	15	15	15	15	15	15	14
23	15	14	14	13	12	12	13	14	14	13	13	13	13	13	13	15	16	16	14	13	13	13	13	13	14
24	13	13	13	12	12	12	14	14	14	14							27	25	23	25	22	22	35	21	18
25	21	22	22	23	21	22	23	21	22	22	21	21	21	21	21	21	21	22	22	23	23	23	24	24	22
26	21	21	21	20	20	21	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	20	20	20	20
27	19	18	18	19	19	19	21	23	21	19	19	19	19	19	19	19	24	24	23	23	25	23	23	22	21
28	22	23	23	23	23	24	27	29	28	28	26	25	25	25	25	17	19	19	20	23	17	19	18	17	23
29	17	16	16	16	17	18	21	25	25	21	20	20	20	19	17	19	16	15	15	15	15	15	15	15	18
30	15	15	15	15	15	15	15	15	16	16	16	16	16	15	15	15	15	15	15	15	15	15	18	17	15
31	17	16	15	15	15	17	19	17	16	16	15	15	15	15	16	15	15	15	17	17	17	16	16	16	16
MEAN	16	16	16	16	15	15	17	19	19	17	17	17	17	16	16	16	18	18	17	17	17	17	18	16	17

PERCENTAGE OF DATA VALID - 52

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	16	15	15	15	15	15	15	15	15	15	15	15	16	17	18	17	16	15	15	15	15	15	16
2	15	15	15	15	15	15	15	15	15	15	15	14	15	15	15	15	15	14	14	15	15	15	15	15	15
3	13	13	13	12	12	13	15	16	16	14	14	13	13	13	13	13	13	15	15	16	21	18	17	15	14
4	15	15	15	16	17	17	18	23	21	21	17	14	13	13	13	13	17	17	15	16	17	16	17	17	16
5	19	19	17	18	19	19	17	21	19	17	17	17	17	17	17		15	14	15	15	16	15	15	15	17
6	15	15	16	16	15	15	17	17	17	17	16	16	17	15	16	16	19	18	15	15	15	14	14	14	16
7	15	15	15	15	15	14	17	18	19	15	15	16	14	14	14	15	16	16	16	16	16	15	13	13	15
8	15	14	15	15	15	15	15	15	15	15	15	15	14	15	14	14	14	14	15	15	15	15	15	15	15
9	13	14	15	15	15	14	14	14	14	14	12	13	9	12	12	11	11	11	11	12	13	13	13	13	13
10	15	14	13	13	13	12	14	16	15	16	13	15	14	13	13	13	16	16	16	17	19	18	18	21	15
11	19	21	20	20	20	20	22	22	17	13	13	13	16	14			24	26	24	25	22	20	20	20	20
12	20	16	14	15	18	19	25	31	28	26	23	25	21	21	20	19	18	18	22	20	24	23	21	23	21
13	26	26	23	22	24	24	24	24	23	21	25	26	22	18	18	14	13	13	11	11	11	10	9	10	19
14	10	10	10	9	7	10	11	14	15	10	9	9	9	14	14	14	16	17	18	19	22	17	16	16	13
15	19	19	19	21	22	19	20	22	21	22	22	25	22	22	20	17	17	18	20	24	20	18	19	22	20
16	25	27	26	25	22	22	22	21	20	24	21	19	22	22	22	21	20	20	22	18	18	18	14	14	21
17	15	15	15	18	19	21	23	26	23	22	21	19	18	19	19	18	11	8	9	9	10	7	6	9	16
18	6	8	14	15	14	16	8	8	9	10	8	9	6	6	6										
19	6	11	5	6	6	5	8	14	10	10	9	9	12	12	16	16	14	14	12	12	11	12	13	14	11
20	12	9	7	7	8	10	14	17	15	13	13	14	13	15	8	7	8	9	9	13	10	7	6	6	10
21	6	6	6	6	6	9	15	18	15	13	13	13	10	10	10	12	14	14	14	14	12	12	14	14	12
22	13	13	11	10	10	10	10	11	13	13	11	11	11	11	11	11	12	12	11	11	12	12	12	14	12
23	13	12	15	14	10	8	9	11	10	10	10	9	7	8	9	10	10	10	10	10	14	12	10	11	10
24	9	7	8	10	11	14	14	16	14	11	10	10	10	10	10	10	14	14	12	11	10	11	11	10	11
25	7	10	10	10	11	11	14	16	14	12	11	11	10	10	10	10	12	12	11	11	12	13	14	13	12
26	12	12	14	13	14	14	14	18	14	12	11	12	12	12	9	11	10	11	12	11	11	11	11	12	12
27	13	11	12	15	14	14	16	16	16	12	10	11	10	13	14	16	14	15	16	19	22	22	17	16	15
28	14	14	17	21	20	20	20	28	19	16	15	14	10	10	10	10	11	14	10	8	12	9	10	11	10
29	10	6	6	6	6	7	12	13	10	12	12	12	12	10	12	12	10	12	12	12	10	12	22	24	11
30	22	18	14	11	11	11	16	16	16	14	14	13	13	13	14	14	14	18	18	20	18	11	20	14	15
MEAN	14	14	14	14	14	14	16	18	16	15	14	14	14	14	14	14	15	14	15	15	15	14	14	15	15

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	22	18	18	20	26	41	46	34	26	22	18	22	22	19	18	18	20	19	17	17	15	14	15	22
2	14	13	14	14	14	18	25	27	22	18	16	11	10	10	10	11	12	10	10	10	9	8	8	9	14
3	10	10	14	15	15	14	14	12	13	13	13	10	10	10	14	13	13	14	15	15	17	18	10	13	
4	18	14	14	14	14	18	22	18	14	14	11	9	18	14	14	14	14	10	7	6	6	6	8	12	8
5	15	19	21	21	14	12	12	12	11	10	10	9	8	6	6	6	6	6	6	6	6	6	8	12	8
6	15	19	21	21	14	12	12	12	11	10	10	9	8	6	6	6	6	6	6	6	6	6	8	12	8
7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
10	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11	22	23	22	18	17	15	18	20	20	18	14	14	13	9	8	10	10	10	9	9	9	8	6	8	14
12	6	4	5	7	8	12	19	25	17	14	18	12	8	6	5	6	8	10	8	9	12	15	18	23	11
13	26	30	34	34	28	22	24	18	18	14	11	10	6	6	6	6	6	6	6	6	6	6	6	6	6
14	18	15	9	7	8	9	9	9	10	10	11	10	10	10	10	7	8	8	5	6	7	7	7	6	9
15	18	15	9	7	8	9	9	9	10	10	11	10	10	10	10	7	8	8	5	6	7	7	7	6	9
16	18	15	9	7	8	9	9	9	10	10	11	10	10	10	10	7	8	8	5	6	7	7	7	6	9
17	9	7	6	5	5	6	10	16	12	11	10	9	9	7	7	7	7	8	8	11	13	16	18	21	10
18	19	19	18	22	24	23	23	25	28	22	18	12	7	6	18	16	18	17	18	18	18	14	13	13	18
19	13	19	21	14	11	10	15	18	14	11	11	10	9	7	10	10	10	10	10	14	20	18	20	22	14
20	23	18	17	16	14	16	17	18	18	17	15	16	14	14	12	12	12	11	11	12	12	15	16	17	15
21	25	30	30	38	38	55	66	50	32	23	18	16	17	15	14	13	15	18	18	17	15	13	14	14	25
22	14	14	14	16	16	18	19	19	20	20	19	18	17	16	16	15	15	15	17	21	43	42	31	20	
23	26	22	24	24	24	25	29	30	27	22	18	16	17	15	14	16	18	17	18	21	31	35	33	26	23
24	24	21	18	18	19	22	28	30	29	25	22	21	18	17	18	20	21	23	25	26	25	26	27	30	23
25	26	23	22	23	23	26	32	32	28	26	24	22	22	22	21	22	22	23	23	23	23	25	26	26	24
26	26	26	25	25	25	26	26	30	31	31	30	30	28	26	26	26	26	26	26	26	26	26	30	31	33
27	34	34	32	30	30	34	38	40	38	34	34	32	30	27	26	25	25	25	25	25	26	26	26	26	31
28																									
29																									
30																									
31																									
MEAN	19	18	18	18	18	19	21	22	19	17	16	15	14	12	12	13	13	13	13	13	15	15	16	16	16

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	10	10	10	11	14	17	14	14	15	14	13	12	14	17	18	18	18	26	18	18	15	15	15
2	18	20	22	21	22	26	30	30	23	19	17	13	10	7	6	6	6	7	7	10	12	16	18	19	16
3	20	21	21	20	24	22	20	17	15	11	8	10	9	7	7	13	14	11	12	14	19	20	20	19	16
4	21	25	28	17	12	17	17	13	10	7	7	8	9	8	7	7	9	9	10	11	14	14	14	14	13
5	14	14	14	15	18	25	27	26	22	20	19	18	17	16	17	19	18	15	15	18	23	28	23	23	19
6	24	25	26	26	23	22	25	25	19	13	10	10	10	10	9	9	9	10	10	11	13	14	18	18	16
7	20	20	14	14	16	18	19	20	18	15	14	12	10	10	10	12	14	11	12	14	19	23	22	23	16
8	26	22	18	15	18	21	23	18	17	16	15	16	19	18	16	16	15	13	15	17	15	15	18	22	18
9	19	15	13	10	10	14	18	20	18	18	18	17	18	18	18	19	19	19	22	23	22	22	22	22	18
10	22	22	22	22	22	22	24	24	26	26	25	25	25	26	26	26	26	26	26	27	27	28	28	28	25
11	29	28	27	27	29	29	28	26	25	24	23	23	23	22	21	20	20	18	18	18	21	26	25	26	24
12	26	26	27	34	33	31	30	34	38	33	31	30	30	30	32	30	29	31	34	35	34	35	34	31	32
13	30	29	29	30	31	30	30	32	32	31	30	29	26	25	23	22	17	27	18	19	21	22	22	22	26
14	19	19	17	16	19	21	22	22	26	24	21	19	17	14	14	14	14	14	14	12	14	14	14	12	17
15	12	12	13	14	15	15	15	15	15	14	14	10	14	12	14	14	14	12	14	14	15	17	15	17	13
16	18	18	8	8	11	17	17	17	16	12	10	10	14	12	14	14	14	12	14	14	15	17	15	17	13
17	19	19	17	17	17	18	17	14	14	13	10	10	10	10	10	10	10	9	10	10	10	11	24	21	14
18	22	20	18	18	15	15	14	13	12	9	8	7	10	9	8	8	6	6	6	6	6	8	10	10	11
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	14	16	15	14	14	14	13	10	6	6	6	6	6	6	6	6	10	10	11	14	14	16	16	15	12
21	16	16	16	16	15	16	18	18	15	18	26	22	19	5	5	24	21	23	22	20	22	25	22	20	20
22	21	18	18	18	16	15	17	18	17	14	14	7	5	5	6	10	10	9	9	8	8	6	6	6	12
23	6	6	5	5	6	7	8	9	8	6	6	6	6	8	10	9	11	13	12	10	10	10	10	9	8
24	7	7	7	6	7	8	9	10	10	10	9														
25																									
26																									
27																									
28																									
29																									
30	11	9	9	8	8	8	10	10	10	10	19	9	8	11	13	18	18	14	16	18	17	14	13	12	12
MEAN	18	17	17	17	17	18	19	19	18	16	16	15	14	13	14	15	15	14	15	16	17	17	18	17	16

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

	STATION - PHARMACY AND 401 TORONTO							NO 33002				MONTH JUL 72																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	6	6	6	9	13	15	14	17	15	14	11	10	6				6				8	14	19	22	12			
2	23	22	23	25	22	22	20	15	8	6							6			7	8	11	11	10	14			
3	10	13	14	10	10	13	14	16	17	17	17	18	19	19	19	19	18	18	16	14	14	14	14	12	15			
4	12	12	12	13	13	12	14	16	16	14	13	14	14	14	14	14	17	15	13	11	10	10	12	13	13			
5	13	14	14	14	14	14	13	15	18	16	13	9	6						6	10	10	13	15	14	13			
6	22	26	26	28	24	16	14	13	15	18	19	10																
7																												
8	27	34	34	30	29	30	31	30	26	22	16	13	11	10	9	14	14	14	14	17	23	26	22	22				
9	26	30	30	26	25	26	26	26	24	22	18	16	14	12	11	10	11	13	14	18	19	22	20	20	21			
10	17	18	18	19	19	18	18	19	18	17	10	6	6	10	13	16	18	14	10	10	11	14	16	18	15			
11	15	14	23	18	17	22	26	26	18	17	16	15	13	11	10	10	13	17	18	19	19	22	24	24	18			
12	23	20	22	27	34	38	45	35	28	22	17	16	14	13	13	13	12	14	15	19	21	23	30	24	22			
13	21	21	25	22	24	34	29	25	22	18	20	19	16	22	22	22	18	14	15	18	20	21	21	22	21			
14	26	26	24	22	27	30	28	28																				
15																												
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27																												
28																												
29	15	19	17	15	12	14	9	6	6	8	10	10	8	11	11	14	15	14	12	12	13	12	14	18	12			
30	22	24	26	23	19	18	17	12	8							6	9	10	10	10	11	12	14	18	15			
31	17	14	12	11	10	15	18	18	14	12	18	14	11	9	10	10	10	11	12	13	14	17	17	12	13			
MEAN	18	20	20	20	20	21	21	20	17	16	15	13	11	13	12	13	13	14	12	14	15	17	18	18	16			

PERCENTAGE OF DATA VALID - 47

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

	STATION - PHARMACY AND 401 TORONTO								NO 33002				MONTH AUG 72														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	10	8	11	14	14	15	17	14	8	8	8	10	9	8	9	12	14	13	14	17	18	11	14	14	12		
2	13	12	10	9	8																						
3																											
4																											
5	9	10	10	10	9	6	7	4			10	12	10	10	9					7	10	8	7	7	4		
6																											
7																											
8																											
9																											
10																9	7	7	8	11	10	18	25	16	14		
11	18	22	14	17	14	17	18	20	17	7																	
12	9	8	8	9	9	7	9	10	10	8	6	5			6		6	6	9	11	12	14	14	15	9		
13	15	12	10	8	12	14	10	6			6	7	6	6		6	8	8	9	10	14	14	18	14	10		
14	14	13	12	9	6	8	10	12	9	9	10	8	8	10	11		10	7	9	6	6	6	8	8	9		
15	7	6	5	6	6	10	14	10	6	5					5	5	10	9	10	11	14	20	20	16	10		
16	16	14	12	12	11	14	20	12	8								10	9	10	11	14	6	6	6	10		
17	6	6	7	10	7	10	14	12	9	7	6	6	6	7	6	9	6	7	9	8	7	8	7	10	8		
18	10	14	12	11	12	10	14	16	11	9	10	10	9	11	11	14	14	13	13	15	15	14	13	14	12		
19	14	14	13	13	14	14	18	17	16	14	14	12	14	17	18	15	14	14	15	16	17	17	16	17	15		
20	17	18	19	19	17	16	14	14	13	11	11	12	12	11	11	12	14	13	13	13	17	18	22	22	15		
21	22	22	22	20	18	18	21	29	29	21	14	9	10	10	12	13	12	10	12	13	16	18	22	23	17		
22	24	23	23	23	20	22	22	25	26	19	14	9	11	12	11	13	13	14	13	18	22	25	19	30	19		
23	26	22	22	20	20	20	22	29	30	24	16	18	18	18	15	18	20	22	24	23	22	26	30	30	22		
24	30	30	29	26	26	24	26	26	29	24	20	18	18	17	15	14	11	11	14	14	14	14	15	19	20		
25	21	25	17	16	18	19	18	18	15	10	8	9	10	10	13	14	13	14	14	14	15	15	14	17	15		
26	19	20	18	17	15	15	17	15	12	12	12	10	7	8	8	9	9	10	10	11	11	11	10	9	12		
27	10	10	13	12	9	10	11	9	6																		
28	7	6																									
29	9	10	8	8	7	9	14	15	12	10	10	8	7	9	10	10	6	6	9	12	11	10	8	8	9		
30	9	9	10	10	10	13	16	18	12	6																	
31	22	22	18	18	20	26	30	38	25	9	6	6	6	6	6	7	10	12	12	13	13	15	17	16	16		
MEAN	15	15	14	14	13	14	16	17	15	11	10	10	10	10	10	11	11	10	11	12	13	14	15	15	13		

PERCENTAGE OF DATA VALID - 69

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	14	14	15	19	23	27	24	14	7	7	6	7	9	8	10	12	14	16	16	18	22	22	15
2	14	9	7	6	6	8	11	10	10	10	10	10	10	8	8	8	8	6	6	5	5	5	6	6	8
3	6	6	5	5	5	6	6	6	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4																									
5																									
6																									
7	13	13	16	14	14	12	13	10	6	3	4	6	6	3	3	5	7	6	8	10	11	13	17	16	10
8	15	15	21	19	18	18	19	25	24	18	15	12	10	10	9	10	10	10	10	10	10	7	7	7	14
9	7	6	8	10	9	9	8	9	10	8	8	6	6	6	6	6	6	6	7	9	13	10	8	10	8
10	10	11	11	11	10	10	10	10	8	7	5	5	6	6	6	6	6	8	8	11	13	14	15	18	10
11	18	18	16	16	14	14	15	27	31	21	11	8	8	9	9	6	6	6	9	10	12	7	7	7	14
12	6	6	6	6	6	6	9	11	10	8	6	6	6	6	6	6	8	9	11	14	14	14	14	14	14
13	18	13	8	6	6	7	9	10	9	6	6	6	7	6	6	5	2	2	6	6	7	8	11	12	8
14	10	8	6	6	6	6	10	10	6	6	6	6	6	6	6	11	12	10	12	14	14	13	14	14	10
15	11	9	8	10	8	8	11	14	15	10	6	6	6	6	6	6	9	9	9	8	8	7	6	6	9
16																									
17																									
18																									
19																									
20																									
21																									
22	5	6	6	6	6	8	11	13	12	10	9	9	9	9	10	13	13	14	14	14	15	19	13	13	11
23	14	14	13	14	19	16	17	18	15	12	9	10	12	12	10	10	11	13	13	14	14	14	14	14	13
24	10	11	11	12	13	12	12	12	10	10	12	12	11	9	10	10	12	18	16	17	18	21	22	19	13
25	18	18	18	19	18	18	21	24	21	18	16	14	14	14	14	12	13	14	11	8	11	12	13	10	15
26	12	11	13	11	9	10	13	12	12	11	10	11	11	12	12	8	8	9	14	14	13	14	11	8	11
27	8	9	9	8	10	13	21	20	14	12	12	13	13	13	12	14	14	14	14	13	12	12	13	13	13
28	11	10	10	10	9	10	17	18	14	14	15	12	10	7	8	10	12	13	13	13	11	11	10	10	12
29	11	11	10	9	10	10	12	10	9	6	9	11	13	11	9	10	16	20	10	10	6	6	7	8	10
30	7	7	6	6	6	6	7	9	10	11	13	12	12	11	11	13	12	11	13	14	17	16	14	18	11
MEAN	11	11	11	10	11	11	13	14	13	11	10	9	9	9	9	9	10	10	10	11	11	12	12	13	11

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	21	22	20	20	21	22	21	18	15	10	8	9	10	7	6	9	10	10	10	14	13	14	14	14
2	11	10	10	9	9	10	9	20	19	14	10	10	10	10	6	3	5	8	10	13	11	14	10	8	10
3	10	6	6	8	7	12	17	22	25	18	13	11	10	7	6	6	10	13	13	13	10	10	8	9	11
4	8	8	9	11	13	14	16	13	8	6	6	6	6	6	7	7	9	9	8	9	8	7	7	8	9
5	7	8	6	6	7	7	16	18	14	10	8	6	6	6	6	21	8	7	6	8	6	6	8	12	9
6	10	12	14	14	12	10	15	20	18	14	11	12	7	6	7	14	19	17	14	10	7	6	6	6	13
7																									
8	6	7	8	7	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	6	6	8	7	7	7
9	8	8	6	5	6	5	6	7	10	12	14	16	14	17	15	14	15	18	17	18	16	15	15	18	12
10	17	15	15	15	19	22	32	33	27	18	15	13	11	13	14	11	7	6	10	11	11	9	6	5	15
11	6	7	10	10	10	14	22	25	6	6	6	6	6	6	8	9	10	10	9	7	6	6	6	6	10
12																									
13	6	7	6	6	7	9	15	16	10	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	8
14																									
15																									
16																									
17																									
18	15	13	13	10	8	12	20	25	21	16	11	9	10	10	13	12	14	14	18	18	14	16	15	14	14
19	16	14	12	12	12	17	24	23	15	12	10	10	9	10	11	10	10	11	14	14	16	19	19	21	14
20	19	17	18	21	25	27	26	27	20	12	8	6	6	9	7	10	13	15	18	19	18	14	14	14	16
21	16	16	18	22	25	28	26	16	13	11	11	10	10	10	10	10	10	10	9	8	7	7	7	7	13
22	7	8	8	8	8	9	10	7	8	8	8	9	11	9	10	9	9	9	9	9	6	6	6	6	8
23	6	6	8	8	6	6	10	11	10	10	10	14	13	11	10	12	15	14	14	10	10	9	9	8	10
24	7	7	8	7	7	10	13	14	11	11	11	11	11	12	10	9	9	9	9	9	9	9	9	9	10
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	11	11	11	11	11	13	16	18	14	12	10	10	10	10	9	10	10	11	12	11	10	11	10	11	11

PERCENTAGE OF DATA VALID - 59

UNITS - PARTS PER TEN MILLION

MONTH NOV 72

PERCENTAGE OF DATA VALID - 91

UNITS - PARTS PER TEN MILLION

MONTH DEC 72

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	16	28	55
FEB	29	17	23	48
MAR	17	17	23	35
APR	30	15	21	31
MAY	29	16	31	66
JUN	26	16	32	38
JUL	18	16	22	45
AUG	26	13	22	38
SEP	26	11	15	31
OCT	22	11	16	33
NOV	28	20	26	38
DEC	23	19	27	35
YEAR	300	16	32	66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	105	375	80	27	0	0	0	0	587
FEB	0	611	73	5	0	0	0	0	689
MAR	13	291	88	1	0	0	0	0	393
APR	129	479	101	1	0	0	0	0	710
MAY	202	248	131	33	1	0	0	0	615
JUN	158	246	151	19	0	0	0	0	574
JUL	62	201	83	8	0	0	0	0	354
AUG	225	219	70	1	0	0	0	0	515
SEP	270	215	18	1	0	0	0	0	504
OCT	258	152	33	2	0	0	0	0	445
NOV	0	308	337	11	0	0	0	0	656
DEC	35	243	217	13	0	0	0	0	508
YEAR	1457	3588	1382	122	1	0	0	0	6550

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
74	0	7.4	12.1	14.8	17.7	22.8	25.7	29.9	33.3	66	15.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION														
STATION - LAWRENCE / KENNEDY SCARBOROUGH												NO 33003														
												MONTH JAN 72														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	24	20	17	18	15	13	13	13	13	14	14	14	14	15	15	17	18	20	20	26	28	21	20	18	18	
2	20	19	17	16	16	17	17	18	20	19	17	19	19	23	21	20	16	13	14	14	14	14	15	17	17	
3	14	14	15	14	16	17	18	23	25	22	18	15	- DATA MISSING -													
4														- DATA MISSING -												
5														- DATA MISSING -												
6														- DATA MISSING -												
7														- DATA MISSING -												
8														- DATA MISSING -												
9														- DATA MISSING -												
10																										
11	27	37	31	24	17	13	15	20	19	17	16	17	17	17	17	19	21	21	23	26	25	27	33	34	22	
12	23	24	24	18	16	18	22	28	27	24	21	19	15	13	13	14	15	15	14	14	14	13	13	14	18	
13	14	14	13	14	16	17	18	24	26	24	24	26	22	18	17	18	18	19	17	17	17	17	15	17	18	
14	16	15	15	16	16	16	15	20	27	23	17	16	18	17	17	18	21	20	19	21	20	18	17	19	18	
15	19	16	17	18	18	19	19	19	19	20	19	21	19	18	18	18	19	18	18	20	20	18	18	18	19	
16	18	17	18	18	18	16	17	18	19	18	18	20	21	20	19	17	16	17	17	18	17	16	15	15	18	
17	16	15	16	16	16	16	16	17	18	17	17	16	16	16	17	17	17	17	16	16	16	15	15	15	16	
18	14	13	13	13	13	13	14	17	18	17	17	17	17	16	15	15	16	16	16	16	16	15	14	15	15	
19	14	13	13	13	14	14	14	17	16	13	13	13	13	14	13	14	15	18	20	17	17	14	17	13	14	
20	15	13	12	14	15	13	13	14	13	13	13	14	12	13	13	13	19	22	20	20	19	18	13	13	15	
21	12	12	12	13	13	14	14	17	18	15	15	15	16	13	13	13	13	13	14	13	12	12	11	11	14	
22	11	11	12	13	14	14	14	14	13																	
23														- DATA MISSING -												
24														17 19 16 14 14 14 12 12 12 13 12 11												
25	13	16	17	16	14	15	16	15	15	15	15	14	- DATA MISSING -													
26	18	19	19	19	19	19	19	21	20	19	19	18	19	19	18	18	19	19	19	19	19	18	18	18	16	
27	19	19	19	19	19	19	19	20	23	23	21	20	21	20	20	20	21	20	20	20	20	19	19	20	19	
28	19	20	20	20	20	20	20	25	32	25	23	20	19	18	19	20	21	21	20	21	20	20	21	20	20	
29	17	17	17	17	17	18	18	21	21	20	20	20	20	20	19	19	21	21	23	25	25	21	20	20	20	
30	19	20	20	20	20	19	19	19	19	17	18	17	16	16	17	18	16	16	17	18	19	18	17	17	18	
31	18	17	17	17	17	17	19	23	21	19	16	15	15	16	17	19	17	17	16	16	16	16	15	17	17	
MEAN	17	17	17	17	16	16	17	19	20	19	18	17	17	17	17	17	18	18	18	18	18	17	17	17	18	
PERCENTAGE OF DATA VALID -												69														

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION														
STATION - LAWRENCE / KENNEDY SCARBOROUGH												NO 33003														
MONTH FEB 72																										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	15	15	16	15	15	18	20	26	25	19	17	16	15	16	16	16	19	21	21	22	19	18	17	17	18	
2	15	15	15	13	13	13	14	15	15	15	15	14	14	14	14	14	13	13	13	14	14	14	14	14	14	
3	14	14	14	14	14	14	14	14	14	14	14	15	15	15	14	14	16	19	18	15	12	22	20	18	15	
4	16	13	13	13	13	13	13	16	16	22	26	14	14	14	14	15	15	16	15	14	14	14	14	14	15	
5	14	14	14	14	14	14	14	14	15	15	15	15	14	13	15	15	15	16	16	16	17	17	17	17	15	
6	14	15	14	13	13	13	14	13	13	14	14	14	14	13	14	13	13	13	13	13	13	14	14	14	14	
7	12	12	12	12	12	12	16	23	26	21	26	22	14	14	14	14	17	19	22	20	20	18	19	18	16	17
8	12	14	15	14	16	18	22	37	44	21	16	14	14	14	15	14	15	16	15	16	14	15	16	15	18	18
9	14	15	16	16	16	15	16	23	23	19	17	16	15	16	16	16	17	19	23	22	18	18	18	18	18	
10	18	18	17	17	16	16	24	49	45	38	24	25	22	20	17	19	19	20	25	25	22	19	18	18	23	
11	16	16	17	17	17	18	21	32	28	20	19	19	19	20	21	22	23	23	21	21	21	21	24	27	21	
12	23	25	22	21	21	22	22	21	23	26	27	27	25	25	25	25	25	28	30	25	21	23	31	34	25	
13	32	31	26	23	20	18	19	19	18	16	16	16	15	17	17	17	17	16	15	15	14	15	15	15	18	
14	14	14	14	14	14	15	18	21	19	15	16	16	16	16	18	17	20	21	18	18	16	16	16	17	17	
15	16	16	15	14	15	16	16	18	23	20	18	25	15	15	14	14	15	15	14	14	14	14	15	14	16	
16	13	13	13	13	13	14	15	26	18	15	15	14	14	15	15	15	15	16	16	16	14	15	14	14	15	
17	15	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	15	
18	13	13	14	14	13	13	13	13	13	12	12	13	15	16	16	16	16	16	16	16	16	17	17	19	15	
19	19	19	18	18	17	17	17	18	18	21	21	20	20	19	17	17	17	16	16	16	16	16	16	16	18	
20	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	18	18	19	20	18	17	17	
21	16	17	17	16	16	16	17	23	23	18	17	17	17	19	21	23	21	22	23	21	19	18	16	16	19	
22	16	16	16	15	15	16	17	20	17	15	13	11	14	23	26	27									17	
23														DATA MISSING -												
24														DATA MISSING -												
25														DATA MISSING -												
26	26	24	22	21	20	20	22	28	31	29	27	26	24	24	26	29	29	27	24	23	20	20	21	21	24	
27	21	22	21	19	19	18	19	18	22	20	22	21	21	21	18	18	18	21	18	19	19	19	17	18	20	
28	18	16	16	16	16	18	22	21	18	18	18	18	20	20	22	23	25	25	29	28	26	19	18	18	20	
29	19	20	21	23	25	22	19	34	23	20	17	17	18	21	20	22	22	21	21	20	18	17	17	17	21	
MEAN	17	17	16	16	16	16	17	22	22	19	18	18	17	17	18	18	18	19	19	18	17	17	17	17	18	
PERCENTAGE OF DATA VALID -					88																					

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	19	19	17	20	23	22	29	32	28	28	19	16	16	16	15	14	14	14	13	15	14	14	14	19
2	14	14	14	14	14	15	14	18	24	13	13	14	16	16	17	19	18	25	21	21	17	17	16	16	17
3	15	15	16	16	15	21	16	19	24	22	19	17	15	15	15	23	21	19	19	20	21	19	21	18	18
4	14	16	15	12	16	16	18	18	17	15	13	14	14	14	14	13	14	13	14	14	12	13	12	13	14
5	12	12	13	13	13	12	12	14	12	12	11	10	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -
6													DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -
7													DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -
8													DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -
9													DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -
10													DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -
11	20	21	22	22	22	19	17	17	17	17	17	17	17	16	16	16	16	16	16	18	18	20	21	21	18
12	21	21	21	21	23	22	24	22	20	20	20	19	20	21	21	23	23	24	28	27	29	30	31	26	23
13	19	19	19	18	17	17	18	18	17	15	16	18	17	17	17	17	18	18	18	18	16	17	17	17	17
14	16	16	16	17	16	16	17	17	16	16	17	18	17	16	16	17	17	17	16	16	16	17	17	16	17
15	15	15	15	16	16	15	17	20	20	17	18	18	17	18	18	18	18	18	18	18	18	17	18	19	17
16	17	17	17	17	18	19	21	20	18	18	18	17	18	18	17	18	21	21	24	33	28	28	28	26	21
17	25	25	26	28	28	31	34	40	35	29	26	26	24	25	25	25	26	29	24	24	22	20	17	17	26
18	16	14	14	13	13	13	13	14	13	14	15	15	15	15	17	17	18	41	27	19	15	15	16	16	17
19	15	16	16	18	15	14	15	16	13	13	12	11	15	14	16	17	15	15	17	18	21	23	22	16	17
20	23	16	15	15	16	17	20	24	18	17	17	51	19	19	18	18	18	19	19	20	18	20	18	19	20
21	19	20	20	17	17	19	22	18	18	17	17	17	16	17	16	17	25	17	16	15	14	13	15	15	17
22	16	17	15	15	16	15	16	17	15	16	15	24	22	21	20	19	26	21	18	18	21	20	20	20	18
23	20	17	16	16	16	15	18	24	20	17	16	16	19	19	19	18	20	20	18	20	19	19	28	17	19
24	17	16	16	16	16	16	18	23	19	17	17	15	19	20	20	17	19	20	20	22	23	22	23	24	19
25	20	21	19	18	18	18	19	19	20	21	22	20	40	22	23	24	22	22	21	21	21	21	20	20	21
26	19	18	18	18	18	18	18	18	18	18	18	18	20	19	18	19	20	19	19	20	20	20	21	20	19
27	19	19	19	19	19	19	22	26	32	21	20	19	19	21	23	23	25	22	20	22	20	61	47	19	24
28	17	17	17	16	17	17	17	20	20	19	18	18	17	21	20	23	25	23	24	25	24	20	20	22	20
29	21	21	20	20	20	22	28	24	20	20	17	20	20	21	19	22	19	17	17	16	19	16	16	16	20
30	18	17	20	19	19	19	20	21	20	19	21	22	22	22	21	22	22	22	22	21	22	24	23	23	21
31	23	24	21	20	21	23	23	22	20	20	20	20	20	19	19	19	19	19	20	21	20	18	18	18	20
MEAN	18	18	18	17	18	18	19	21	20	18	18	19	19	18	18	19	20	21	20	20	20	21	21	19	19

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	22	21	20	21	20	20	20	19	17	18	18	18	18	19	20	22	21	21	19	20	19	18	18	20
2	17	17	18	18	18	18	18	20	18	18	18	18	19	19	19	19	18	18	20	22	21	21	19	19	19
3	17	17	16	17	17	17	20	21	20	19	18	18	21	19	20	22	23	21	25	27	25	22	20	20	20
4	20	20	20	20	21	19	20	25	29	21	19	18	18	31	19	20	21	20	21	22	23	24	26	26	22
5	28	22	22	22	22	22	23	24	23	20	20	19	19	19	19	19	20	20	20	21	20	20	20	23	21
6	23	21	21	20	19	18	20	22	21	18	18	18	18	18	18	21	21	21	21	21	21	26	30	20	21
7	17	17	17	17	17	17	17	17	17	15	14	14	19	19	19	20	23	23	25	25	24	22	20	20	19
8	20	20	20	20	20	20	20	20	20	20	20	22	22	22	22	22	22	22	21	22	21	21	21	21	21
9	29	21	20	20	19	19	19	19	19	20	20	20	21	22	22	24	26	24	24	25	27	25	27	29	23
10	29	25	25	24	26	23	25	31	31	26	24	28	26	24	24	26	26	27	25	26	27	29	27	29	26
11	30	33	30	27	34	34	45	41	32	25	21	21	21	21	22	23	24	27	27	32	33	27	26	26	28
12	25	22	23	23	23	24	27	24	22	19	20	20	21	21	21	21	21	21	21	21	21	21	21	21	22
13	18	18	18	21	21	21	20	21	20	18	22	29	32	21	21	21	22	22	21	21	21	20	20	20	21
14	20	20	20	20	21	21	23	23	22	20	20	20	21	21	20	20	20	20	21	22	22	22	21	21	21
15	22	21	21	22	24	20	20	21	21	21	24	24	31	29	43	28	27	27	25	28	30	28	25	29	25
16	27	34	34	32	30	25	23	24	24	20	20	20	19	19	19	19	19	20	20	20	20	20	20	20	23
17	20	20	20	20	21	21	23	24	24	21	23	21	23	23	22	24	26	28	28	28	29	27	26	27	24
18	28	28	34	34	32	27	22	22	22	22	24	23	23	24	25	24	28	32	27	29	28	27	29	38	27
19	42	47	51	45	37	35	32	28	26	24															
20																									
21																									
22																									
23	14	13	15	15	15	15	15	15	16	16	16	16	16	17	17	17	17	17	17	17	17	17	18	17	16
24	19	19	17	15	17	13	14	14	14	14	14	15	17	16	16	16	16	17	16	18	20	18	16	16	16
25	15	15	15	15	15	15	17	24	20	18	17	16	16	20	21	22	26	24	22	23	22	22	22	21	19
26	21	21	21	22	21	21	21	22	20	19	19	19	20	19	21	21	24	22	24	23	22	22	23	23	21
27	23	22	22	23	23	25	25	25	24	20	21	21	21	21	20	22	24	22	22	23	22	22	21	21	22
28	22	21	21	21	22	22	21	22	20	19	19	19	19	19	20	21	25	26	26	30	35	35	28	25	23
29	23	24	24	25	23	23	29	32	32	38			26	23	23	23	27	27	29	28	30	30	27	27	27
30	26	25	22	22	21	22	22	20	20	19	19	20	21	20	20	21	22	22	23	27	30	34	40	50	25
20	41	48	46	43	35	28	24	22	22	21	19	19	21	22	22	23	27	31	32	37	42	49	45	37	32
MEAN	23	23	23	23	23	22	22	23	22	20	20	20	21	21	21	21	23	23	23	24	25	24	24	24	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	47	45	38	34	35	40	36	26	24	22	21	22	23	23	25	22	21	19	19	20	20	19	19	28
2	20	20	20	20	20	21	23	27	29	24	24	21	19	18	17	17	18	18	17	17	17	18	17	17	20
3	18	18	23	23	25	25	28	24	22	22	21	21	21	21	21	23	22	21	22	23	22	23	24	24	22
4	24	21	19	19	19	22	26	25	24	25	24	25	25	23	24	28	27	26	24	24	22	21	20	19	23
5	18	18	17	17	18	24	28	25	23	21	21	22	22	21	22	25	25	25	28	27	27	32	37	47	25
6	47	36	30	26	26	27	24	23	24	23	23	23	22	24	23	22	23	23	20	21	21	21	22	21	25
7	22	20	21	21	21	20	20	20	20	21	21	20	20	20	19	21	25	24	25	29	32	32	24	23	23
8	21	21	21	21	22	22	21	21	21	19	19	21	17	16	20	19	16	16	15	14	9	20	17	21	19
9	22	21	21	23	23	24	24	24	24	24	22	24	21	21	21	23	24	26	26	26	27	26	25	22	24
10	22	20	20	20	20	24	30	29	25	23	24	26	25	24	24	28	26	24	25	27	27	34	33	46	26
11	52	47	30	28	29	32	31	29	26	23	22	21	22	23	25	26	27	26	25	25	27	29	27	28	28
12	26	26	22	23	26	31	38	37	28	28	23	23	23	26	26	30	30	30	31	36	50	59	66	53	33
13	61	86	65	52	36	47	34	26	25	24	22	21	22	21	21	21	23	24	23	25	26	30	38	38	34
14	35	25	25	28	25	25	25	25	25	25	24	22	24	24	22	22	23	22	23	22	22	22	22	22	24
15	23	23	23	23	23	24	24	26	27	25	25	26	25	23	22	22	22	22	21	23	21	23	24	23	23
16	24	22	22	24	24	27	43	37	31	30	24	29	25	26	26	32	34	28	30	30	31	26	27	29	28
17	27	26	27	28	25	30	32	33	31	25	25	26	21	21	21	22	22	24	28	33	40	48	39	35	29
18	37	40	40	42	45	45	50	36	29	29	24	25	24	23	23	24	23	24	25	26	28	32	32	35	32
19	37	37	38	35	29	31	27	24	24	24	23	23	25	24	22	23	24	24	25	30	33	36	30	48	29
20	34	31	25	27	28	25	25	25	24	23	23	24	24	24	24	24	24	24	26	26	26	31	33	41	27
21	43	49	69	67	73	66	51	45	37	29	30	35	29	27	28	28	30	32	33	32	30	30	29	29	40
22	25	25	21	22	25	23	21	21	21	21	20	20	19	20	21	23	23	24	25	28	38	50	65	56	27
23	39	32	35	34	37	37	43	37	28	26	26	27	25	24	23	29	29	31	33	45	52	46	35	30	33
24	26	26	25	27	27	29	36	31	26	26	25	25	23	23	23	23	25	27	26	28	32	35	36	31	28
25	30	29	27	27	27	27	27	27	27	27	26	26	23	26	25	25	26	26	26	26	28	27	28	27	27
26	24	24	24	25	26	26	26	28	28	31	26	26	26	41	17	18	20	19	21	21	21	24	28	31	25
27	36	23	20	20	21	23	25	28	30	24	19	19	18	17	17	16	16	17	17	20	24	20	24	31	22
28	37	36	34	35	31	31	31	29	32	26	23	23	20	17	17	17	17	17	17	18	19	20	21	26	25
29	24	30	32	32	32	35	42	35	43	26	22	21	19	19	19	20	20	19	22	21	26	22	22	27	26
30	18	19	18	18	18	19	22	20	18	22	23	18	17	17	18	19	20	19	20	23	28	32	31	18	21
31	17	16	17	18	16	18	22	25	24	20	28	26	27	27	30	32	36	30	30	29	27	26	26	24	25
MEAN	30	29	28	28	27	29	30	28	27	25	24	24	23	22	22	24	24	24	24	26	28	30	30	30	26

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	23	22	24	26	29	29	26	26	25	26	26	26	28	31	33	38	41	34	34	30	27	31	28
2	33	35	41	38	43	47	57	53	37	37	37	30	26	26	27	31	34	26	27	27	28	27	28	28	34
3	29	29	28	29	29	27	23	22	22	25	27	27	24	24	24	25	24	24	25	29	26	25	26	31	26
4	32	29	25	20	21	24	23	21	21	21	21	22	22	22	22	22	21	21	22	22	22	23	21	20	23
5	20	18	18	18	21	22	21	20	20	18	19	19	19	20	19	21	20	20	21	23	27	25	23	21	21
6	24	31	33	34	33	31	38	36	30	25	23	21	22	22	23	23	22	23	23	23	24	25	28	27	27
7	26	22	21	20	21	24	29	26	22	22	22	22	22	23	22	25	25	23	22	24	27	30	25	24	24
8	22	23	21	21	22	24	27	25	22	21	22	22	23	23	21	23	24	24	25	25	24	23	24	27	23
9	24	23	19	19	19	23	26	26	23	22	22	21	20	21	22	26	26	23	23	23	24	22	22	24	23
10	19	19	19	19	20	21	22	22	22	22	23	23	21	21	21	21	22	23	22	22	22	23	24	25	22
11	22	22	21	22	23	23	22	22	21	22	22	22	24	24	24	24	24	25	25	26	28	31	30	28	24
12	22	24	24	23	23	29	35	30	27	27	29	29	25	25	25	26	28	28	29	30	27	28	28	27	27
13	24	25	25	23	23	24	24	24	24	24	24	24	24	25	24	24	24	25	25	25	25	26	26	26	24
14	21	21	21	23	22	24	30	30	26	25	26	26	27	27	27	27	27	28	28	28	28	27	21	21	25
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16	20	20	19	19	20	23	27	27	23	22	23	23	23	23	24	27	26	25	26	26	24	24	24	24	23
17	20	20	33	21	23	23	22	22	20	22	22	22	23	23	23	23	23	24	25	27	28	31	38	33	25
18	28	27	26	25	25	24	22	22	22	22	21	21	20	20	20	19	19	20	21	21	22	22	23	23	22
19	23	21	22	22	21	22	23	26	24	24	22	22	23	23	23	22	23	23	23	23	23	24	27	26	23
20	22	23	22	21	22	23	26	26	23	22	21	20	21	21	22	24	24	24	23	22	22	23	23	23	23
21	23	23	23	21	20	20	23	25	23	23	22	22	22	24	22	25	23	22	22	21	27	19	19	18	20
22	18	18	18	18	18	19	19	20	20	20	19	20	21	22	20	19	20	28	26	22	21	22	22	20	20
23	20	20	19	19	19	20	21	21	21	21	21	21	21	21	22	21	23	26	27	28	28	28	29	34	23
24	31	28	28	29	30	30	27	24	24	23	22	21	21	21	21	21	21	21	21	22	23	24	24	24	24
25	27	26	26	27	26	25	26	29	26	25	24	24	24	23	23	24	25	28	28	29	33	36	30	28	27
26	25	27	24	26	27	29	33	30	26	23	22	22	23	27	27	30	26	26	27	29	32	36	42	38	28
27	27	28	26	27	27	33	31	27	24	22	20	21	21	21	21	21	21	21	21	21	23	22	22	22	24
28	22	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22	22	21	24	25	22	21	21	21	22
29	21	21	21	21	21	21	21	21	21	21	21	20	20	20	22	22	22	29	32	29					

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	24	26	28	33	32	32	27	27	27	27	27	24	23	22	23	23	23	24	27	31	37	40	27
2	36	31	30	28	32	27	25	24	23	22	23	23	23	23	23	23	23	23	25	23	23	23	23	23	25
3	23	24	22	21	22	22	24	22	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
4	23	23	24	23	23	24	23	22	21	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
5	23	23	24	23	23	24	23	22	21	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
6	24	21	22	22	23	27	30	26	21	19	21	23	23	23	20	20	21	21	21	23	28	28	35	38	25
7	37	40	48	44	61	39	44	40	36	30	28	28	23	20	20	21	21	21	23	27	24	22	23	26	31
8	26	29	36	32	28	25	25	22	21	20	21	21	21	21	21	21	22	22	22	23	24	24	22	26	24
9	29	30	27	25	24	24	22	21	21	22	21	21	21	21	21	21	20	20	20	21	21	20	20	20	22
10	20	20	20	20	20	24	27	25	25	22	21	21	21	21	21	21	23	21	21	22	21	21	22	21	22
11	23	26	24	24	25	28	27	23	22	21	22	21	22	21	21	20	20	21	21	22	22	22	22	22	23
12	23	23	24	36	39	46	39	30	26	24	26	25	21	21	21	23	22	22	23	25	26	23	24	23	26
13	22	24	23	22	24	24	27	25	23	21	22	20	21	22	24	25	21	23	24	22	21	21	21	21	23
14	20	21	21	17	31	47	21	33	62	66	20	20	21	21	20	21	21	22	23	27	27	24	21	20	27
15	20	19	19	19	19	19	19	19	19	20	20	19	19	19	20	21	22	22	21	24	24	28	29	31	22
16	31	28	23	20	20	22	20	20	20	18	18	18	18	18	18	18	18	17	18	18	19	21	20	22	20
17	23	22	20	18	19	22	25	22	18	17	17	16	16	16	16	17	17	17	18	18	18	18	18	18	19
18	18	17	17	17	18	19	22	20	19	19	18	18	19	19	19	20	22	23	24	53	31	30	28	22	20
19	28	21	18	18	18	20	23	21	20	20	20	19	19	18	18	19	21	22	22	20	19	22	20	18	20
20	21	23	23	22	24	23	22	23	25	25	25	23	26	23	22	25	23	22	23	25	26	28	27	23	24
21	23	23	21	21	23	24	26	21	20	20	21	23	19	21	21	22	22	22	25	27	24	23	23	23	22
22	22	21	21	21	21	22	23	25	24	23	23	22	20	20	21	22	20	20	20	21	21	21	20	21	21
23	19	19	19	20	19	21	22	22	20	22	22	19	21	23	19	19	21	20	20	20	22	22	20	20	20
24	20	20	19	20	20	21	23	22	21	23	21	20	19	20	19	21	21	21	21	21	21	22	21	20	21
25	20	20	19	20	21	22	24	26	24	22	21	20	19	19	23	21	21	21	22	22	22	22	20	20	21
26	20	20	20	20	20	21	26	26	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
27	25	24	24	23	24	27	29	29	26	26	25	24	25	27	27	28	27	28	29	28	28	27	27	25	27
28	28	28	27	25	24	25	24	24	23	23	23	24	24	24	24	23	24	25	28	30	31	35	36	36	27
29	38	39	42	41	40	43	35	26	24	24	24	23	23	23	23	23	23	23	23	24	24	23	25	26	28
30	26	26	25	24	24	25	27	31	29	35	31	27	25	24	23	24	23	24	24	26	26	28	29	26	26
MEAN	25	24	24	24	25	26	26	25	24	24	22	22	21	21	21	22	22	22	23	24	25	25	25	25	24

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	23	23	23	27	33	32	26	28	27	26	25	25	25	24	27	28	30	31	31	24	25	24	27
2	23	23	23	23	23	22	22	22	22	22	23	23	24	26	25	23	23	22	22	21	22	23	22	23	23
3	26	25	25	25	24	25	28	27	24	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
4	26	25	25	25	24	25	28	27	24	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
5	17	16	16	16	18	17	21	20	15	14	16	15	15	15	15	15	15	15	16	17	20	22	22	16	17
6	23	21	21	21	23	25	24	17	16	19	17	15	14	14	13	14	14	14	13	13	13	13	12	12	17
7	14	16	15	15	16	17	18	17	14	15	13	13	14	14	15	17	16	16	15	13	13	13	14	13	15
8	12	12	13	13	13	16	20	18	17	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17
9																									
10																									
11																									
12																									
13																									
14																									
15	18	18	18	18	19	20	23	19	17	16	16	16	16	15	16	16	16	17	18	18	21	27	33	39	20
16	33	32	33	27	27	34	31	20	17	16	16	17	18	18	25	24	24	23	23	23	23	24	24	25	24
17	24	23	23	23	23	23	24	24	23	22	22	22	22	21	21	21	21	21	21	22	22	22	22	24	22
18	28	32	29	27	29	29	35	30	26	25	25	25	25	25	26	26	26	26	26	26	26	26	26	26	26
19	28	32	29	27	29	29	35	30	26	25	25	25	25	25	26	26	26	26	26	26	26	26	26	26	26
20	24	25	25	24	24	24	23	23	22	22	21	21	22	22	22	22	22	22	23	24	27	25	26	25	25
21	30	35	35	33	32	33	38	34	32	29	24	21	12	11	11	12	14	14	15	19	20	20	18	18	23
22	26	27	28	28	31	33	35	31	29	24	24	24	11	12	14	15	15	15	18	23	23	21	23	17	23
23	15	15	17	18	16	17	21	18	17	17	17	16	16	14	14	15	19	20	23	23	16	16	15	16	17
24	23	23	26	25	26	28	26	28	25	26	24	24	21	21	21	20	21	21	22	22	22	22	26	27	24
25	24	25	27	28	34	31	34	28	23	22	22	23	20	20	20	25	24	24	28	24	24	24	24	26	25
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27	20	20	20	22	21	22	23	23	23	23	23	23	20	19	20	20	21	22	23	25	21	22	22	22	22
28	19	19	19	19	20	20	24	23	22	22	22	22	20	20	20	21	21	20	21	22	22	22	26	26	21
29	20	20	19	19	19	21	28	23	21	21	19	19	17	20	21	27	25	23	27	25	24	24	24	23	22
30	19	19	19	21	22	25	28	26	22	19	19	20	18	18	18	18	19	20	21	22	24	29	31	34	22
31	43	55	42	42	35	42	51	47	27	27	26	26	23	23	23	24	25	25	24	25	25	27	31	31	32
MEAN	22	23	23	23	23	25	27	25	22	20	20	20	19	19	19	20	20	20	21	22	21	22	23	23	22

PERCENTAGE OF

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	28	28	30	31	33	41	36	32	31	29	30	26	23	23	24	24	22	24	23	24	28	32	35	29
2	28	25	23	23	23	21	23	24	24	25	25	24	23	23	24	24	24	24	23	21	21	22	23	23	23
3	20	20	20	20	21	21	21	21	21	21	21	21	20	21	21	22	22	22	22	22	22	22	23	23	21
4	22	21	21	21	21	22	23	23	23	23	24	24	22	21	22	22	22	24	24	26	26	26	28	24	23
5	22	23	22	22	22	26	37	32	28	25	24	24	23	23	23	26	26	26	29	29	27	26	26	26	26
6	24	23	23	23	23	29	33	27	23	22	22	23	20	20	20	20	20	21	21	23	23	24	26	26	23
7	24	27	29	28	27	28	28	29	28	25	26	25	25	25	22	24	24	26	28	30	28	31	32	27	27
8	25	25	26	27	27	36	35	35	25	26	23	25	21	21	22	24	25	23	26	22	22	21	22	22	25
9	18	18	18	19	19	20	21	21	22	21	22	22	21	22	22	23	24	24	24	24	24	24	25	24	22
10	22	20	21	21	21	22	23	20	20	20	20	20	18	18	19	19	19	21	23	23	24	26	27	24	21
11	20	20	20	23	25	32	46	38	30	25	24	24	23	22	22	25	25	25	29	29	30	26	24	24	26
12	21	22	23	23	22	24	30	32	22	22	22	22	18	19	21	22	23	26	29	31	31	28	25	25	24
13	24	24	21	21	23	23	23	23	22	21	21	23	24	28	29	28	24	23	25	25	27	30	31	30	25
14	25	23	23	20	21	21	23	23	22	22	22	23	21	23	22	20	20	22	25	24	24	24	25	26	23
15	27	27	24	23	25	27	38	37	37	27	29	28	22	22	22	23	23	23	24	24	24	24	24	24	26
16	22	22	22	23	23	25	29	28	27	26	28	26	22	22	22	22	23	24	25	23	23	23	23	23	24
17	21	21	20	20	20	20	21	21	22	20	20	21	20	21	22	23	23	25	28	23	24	24	25	23	22
18	22	20	20	21	21	21	21	23	22	21	21	21	19	19	20	21	23	23	24	26	28	26	24	24	22
19	20	20	20	20	20	22	22	24	20	21	21	21	20	20	20	20	21	21	23	24	27	35	22	21	22
20	21	21	21	21	21	22	24	23	23	23	23	24	20	20	22	22	22	22	22	22	21	21	21	22	22
21	21	22	25	23	21	22	27	24	22	22	22	22	21	21	21	22	23	24	26	25	24	24	24	22	23
22	21	20	21	21	22	25	28	28	24	21	21	22	21	23	22	26	28	27	29	28	27	28	27	26	25
23	25	25	27	27	33	30	34	27	25	21	21	21	21	22	21	21	21	21	21	21	21	21	21	21	24
24	23	23	23	22	22	22	23	23	24	24	25	27	29	28	29	30	28	27	26	29	29	30	31	31	26
25	31	31	35	33	30	28	30	31	29	27	27	27	27	26	26	28	30	31	29	28	28	30	31	30	29
26	30	29	28	27	25	26	30	30	27	27	27	27	27	27	29	30	28	30	44	38	28	33	28	24	29
27	24	24	25	25	25	26	31	29	27	26	26	26	26	26	26	27	29	27	27	27	27	26	25	25	26
28	25	24	24	24	24	24	26	27	24	24	23	23	23	22	22	22	22	22	23	24	24	24	23	25	24
29	25	25	23	23	23	24	27	27	23	26	28	29	32	30	30	34	41	39	32	28	26	25	26	25	28
30	25	24	24	24	24	24	25	25	25	25	26	26	25	25	25	26	27	27	28	27	30	32	35	35	27
MEAN	23	23	23	23	24	25	28	27	25	24	24	24	23	23	23	24	24	25	26	26	25	26	26	25	25

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	33	33	30	30	33	35	34	29	25	24	24	24	24	24	24	24	25	25	26	26	27	26	25	28
2	24	24	24	24	24	26	32	33	28	28	27	26	27	27	26	26	27	28	30	30	32	35	29	29	28
3	30	27	26	25	25	29	39	30	29	26	26	27	26	25	25	25	26	26	26	25	25	26	27	25	27
4	25	26	27	27	28	28	27	27	24	23	23	23	24	24	23	24	25	24	24	24	24	24	24	24	25
5	24	24	27	24	25	26	28	28	25	24	24	24	24	24	24	24	24	25	25	24	24	26	26	27	25
6	31	32	32	29	30	30	35	36	33	28	26	25	23	23	21	32	37	25	29	30	27	27	22	22	29
7	21	21	24	21	21	21	21	21	22	23	25	24	24	23	23	23	22	21	21	21	22	23	25	25	22
8	25	27	29	23	22	22	21	20	20	19	18	18	18	18	18	18	19	19	19	20	20	20	20	20	21
9	21	20	20	20	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	22	23	23	24	24	21
10	24	26	23	23	26	27	29	28	25	22	20	20	20	21	21	21	20	20	21	21	21	21	21	21	23
11	21	24	23	24	28	29	30	23	21	21	21	20	20	22	22	24	25	25	24	23	23	23	23	23	23
12	23	23	21	22	23	23	29	28	23	23	22	22	23	23	22	24	23	23	23	22	22	22	22	22	23
13	20	20	20	20	20	21	45	28	22	22	21	20	22	22	23	25	25	24	25	30	29	27	27	27	24
14	24	24	24	25	25	25	26	26	26	26	26	27	24	25	23	23	24	24	24	24	24	24	24	24	25
15	23	23	23	23	23	22	24	23	24	24	24	24	23	22	23	23	23	23	25	26	29	27	27	27	24
16	23	23	23	22	22	22	26	26	26	26	26	26	22	25	25	25	24	25	25	25	25	24	25	25	25
17	22	22	23	22	22	24	27	27	23	24	25	26	22	22	23	27	27	27	30	30	27	27	27	27	25
18	25	26	27	27	27	29	39	40	34	30	30	28	24	25	26	28	29	29	29	30	30	30	30	29	29
19	26	26	24	25	27	29	42	37	28	25	25	25	23	23	25	27	27	31	31	31	31	31	35	36	29
20	34	36	34	34	37	42	47	48	43	30	27	27	24	22	22	23	25	27	36	36	31	30	27	30	32
21	32	38	32	32	33	36	30	27	24	23	22	23	21	22	22	21	22	22	22	22	21	21	21	20	25
22	21	22	21	22	22	22	23	23	23	23	24	23	23	23	22	23	23	23	22	22	22	22	22	22	22
23	22	23	23	22	21	22	23	23	21	21	23	24	25	31	30	29	27	25	25	26	28	24	22	21	24
24	21	22	21	21	21	21	22	23	22	22	22	22	35	24	23	24	25	25	24	24	24	24	24	23	23
25	22	21	21	22	23	25	30	27	25	23	22	25	23	22	21	21	21	23	27	29	27	25	26	24	24
26	24	22	20	20	21	23	29	30	24	23	21	20	20	22	23	24	24	25	26	26	27	30	28	32	24
27	25	28	26	28	29	36	46	51	33	27	27	26	25	24	23	24	25	28	25	23	23	24	24	24	28
28	27	28	27	26	24	24	25	25	27	25	22	22	22	23	27	28	28	28	30	31	28	25	25	25	26
29	25	25	25	23	21	21	20	21	22	23	24	25	24	23	23	23	22	22	24	24	23	21	21	21	23
30	20	21	21	21	21	21	21	22	23	21	22	22	22	22	21	22	25	26	28	30	29				
31	25	33	40	22	22	23	22	23	24	22	22	21	20	20	20	20	20	20	21	21	22	22	22	20	23
MEAN	25	25	25	24	25	26	29	28	26	24	24	24	23	23	23	24	24	25	25	26	25	25	25	25	25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	21	21	21	21	21	22	23	21	20	20	20	21	21	21	22	23	23	24	24	23	23	23	22
2	23	23	23	23	24	25	24	24	25	25	23	22	22	23	23	23	24	24	24	25	30	37	30	31	25
3	30	23	23	23	23	23	22	27	26	22	22	22	22	22	22	24	26	27	24	25	24	21	20	19	24
4	19	19	19	19	19	19	19	19	21	22	22	21	20	20	21	22	22	26	25	24	23	23	22	22	21
5	22	22	22	21	21	21	21	21	21	21	21	21	21	21	23	24	24	25	24	24	23	23	23	22	22
6	22	22	24	22	22	23	25	27	27	24	23	22	21	21	21	20	20	22	21	21	21	21	21	22	22
7	22	22	23	24	25	25	25	27	23	21	20	20	21	21	21	22	22	21	21	21	19	19	21	21	22
8	18	18	19	19	18	19	19	21	22	22	24	32	23	23	23	22	23	23	24	22	22	22	21	21	22
9	21	22	20	20	19	20	20	21	22	21	21	22	22	22	22	22	23	23	22	21	21	20	21	21	21
10	21	21	21	21	21	21	21	23	23	21	20	19	19	19	19	18	19	19	19	19	19	19	19	19	20
11	19	19	19	19	19	19	19	20	22	24	26	27	24	24	23	25	29	27	25	22	22	21	21	22	22
12	23	22	23	23	23	23	25	24	22	22	22	23	23	24	24	24	24	23	23	23	23	24	24	24	23
13	23	23	23	23	21	22	23	24	24	23	22	22	23	23	21	21	21	21	21	21	21	20	20	20	22
14	19	21	20	21	21	20	20	20	21	21	21	21	20	20	20	20	21	21	21	21	21	21	20	20	21
15	21	21	21	21	23	22	23	27	29	23	22	21	23	22	21	23	26	28	23	23	22	21	21	21	23
16	22	22	23	23	23	21	26	36	30	27	25	21	22	24	23	23	26	32	28	28	24	23	26	27	25
17	28	25	23	21	21	21	21	23	22	21	20	19	20	20	20	22	32	33	28	28	28	28	26	27	24
18	25	24	24	24	26	25	25	26	27	28	27	27	27	26	26	26	27	28	30	31	32	33	33	36	28
19	36	34	29	24	23	23	23	23	23	23	23	24	23	24	25	23	23	22	23	23	23	24	24	24	25
20	24	23	23	23	24	24	24	23	28	25	25	24	24	24	24	25	23	28	29	28	26	24	24	24	25
21	23	22	22	23	23	26	28	30	33	27	25	24	24	24	25	26	28	27	25	24	26	27	26	26	26
22	25	24	24	24	24	24	25	31	30	27	24	25	26	26	26	26	30	30	29	30	29	26	26	26	27
23	26	25	26	26	26	26	27	30	33	31	28	27	26	26	28	27	28	27	26	26	25	25	25	25	27
24	24	25	25	24	24	25	25	29	29	28	27	28	27	27	29	27	28	29	28	28	30	36	38	28	28
25	36	35	34	36	35	31	31	30	30	32	34	28	27	26	25	26	28	27	26	25	25	25	23	24	29
26	24	24	24	24	24	25	24	23	23	23	25	25	26	27	25	25	25	25	25	25	26	26	26	26	25
27	26	25	25	25	25	26	27	27	27	28	25	25	25	24	24	25	25	26	25	26	26	26	26	25	25
28	25	25	24	24	24	25	27	29	31	28	26	27	27	26	25	27	27	27	26	26	26	26	26	26	26
29	25	25	26	25	25	26	27	29	28	28	25	24	25	25	27	27	29	31	34	33	31	33	35	32	28
30	35	35	36	34	34	34	29	27	26	25	24	25	25	27	25	24	25	25	25	25	26	26	26	26	28
MEAN	24	24	24	23	23	23	24	26	26	24	24	24	23	24	24	24	25	26	25	25	24	25	25	25	24

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	30	29	28	28	27	27	30	29	26	24	24	24	21	21	22	23	22	23	22	20	22	20	21	25
2	20	20	22	20	20	20	21	21	21	21	21	22	21	21	22	22	23	22	23	22	20	22	23	22	21
3	20	21	21	19	20	20	19	20	21	22	22	21	20	20	19	20	21	21	21	21	21	20	20	19	20
4	20	21	21	20	20	21	21	21	22	22	22	22	19	20	20	21	22	22	22	22	22	22	22	21	21
5	- DATA MISSING -																								
6	- DATA MISSING -																								
7	18	18	18	18	19	21	21	24	25	22	22	22	20	20	21	21	24	24	26	29	26	24	22	20	22
8	19	22	18	19	19	19	18	20	21	21	21	18	18	18	18	17	17	19	19	18	18	18	18	18	19
9	18	20	22	21	20	21	22	23	26	29	28	26	25	21	19	21	20	20	20	18	17	19	18	19	21
10	24	24	22	21	24	23	22	24	22	22	20	19	21	22	21	20	20	19	18	18	18	18	17	17	21
11	18	18	17	17	18	18	18	23	22	20	21	20	19	20	20	20	20	21	22	24					20
12	- DATA MISSING -																								
13	- DATA MISSING -																								
14	- DATA MISSING -																								
15	- DATA MISSING -																								
16	23	22	21	22	21	22	21	22	21	21	21	22	22	22	22	22	22	22	23	22	24	23	23	22	22
17	19	21	20	20	20	21	21	22	23	26	29	28	26	25	21	19	21	20	20	18	17	19	18	19	21
18	- DATA MISSING -																								
19	- DATA MISSING -																								
20	32	30	30	27	24	24	23	24	23	23	25	27	24	24	24	24	25	24	23	21	22	22	23	22	25
21	21	22	22	21	22	22	23	23	25	24	24	- DATA MISSING -				25	25	26	24	24					
22	26	24	23	24	24	23	24	25	26	25	25	24	26	27	27	27	27	26	24	23	24	23	24	24	25
23	24	23	22	22	24	24	23	24	24	23	22	24	22	22	23	23	23	23	25	25	27	28	26	29	24
24	31	32	38	34	33	31	30	30	32	32	29	28	27	27	27	25	24	24	24	24	24	25	26	25	28
25	24	24	24	27	26	25	25	24	23	24	24	24	22	23	23	23	22	24	29	28	28	28	26	25	25
26	25	25	25	23	23	23	23	23	23	25	27	25	25	25	25	26	26	25	23	22	22	22	21	20	24
27	21	20	20	19	20	21	22	26	28	24	23	23	24	24	23	22	25	24	23	24	25	24	24	22	23
28	20	20	20	20	21	21	21	25	24	24	22	19	- DATA MISSING -										20		20
29	- DATA MISSING -																								
30	- DATA MISSING -																								
31	- DATA MISSING -																								
MEAN	23	23	23	22	22	22	22	24	24	24	23	23	23	23	22	22	23	23	23	23	23	23	23	22	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	18	22	37
FEB	26	18	25	49
MAR	27	19	26	61
APR	29	22	32	51
MAY	31	26	40	86
JUN	30	24	34	57
JUL	31	24	31	66
AUG	26	22	32	55
SEP	30	25	29	46
OCT	31	25	32	51
NOV	30	24	29	38
DEC	23	23	28	38
YEAR	338	23	40	86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	388	122	5	0	0	0	0	515
FEB	0	450	154	12	0	0	0	0	616
MAR	1	384	222	12	1	0	0	0	620
APR	0	171	449	49	0	0	0	0	669
MAY	1	82	520	131	9	0	0	0	743
JUN	0	33	616	48	0	0	0	0	697
JUL	0	84	550	51	3	0	0	0	688
AUG	0	191	335	40	0	0	0	0	566
SEP	0	14	652	50	0	0	0	0	716
OCT	0	10	671	60	0	0	0	0	741
NOV	0	40	632	43	0	0	0	0	715
DEC	0	63	393	12	0	0	0	0	468
YEAR	2	1910	5316	513	13	0	0	0	7754

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
88	9	15.7	19.7	21.7	23.9	28.3	31.6	36.8	42.4		86	22.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29	15	15											- DATA MISSING -				15	15	15	14	15	15	15	14	
30													- DATA MISSING -												
31																	15	18	19	17	19	18	16	16	
MEAN	15	15															15	17	17	16	17	17	16	15	16

PERCENTAGE OF DATA VALID - 2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	16	18	16	18	17	19	19	19	18	16	15	14	13	13	14	16	26	45	45	53	26	18	21
2	17	15	14										13	14	14	13	13	13	13	13	13	13	13		
3	12	12	13	13	13	13	12	14	15	15	15	19	15	14	17	19	18	22	27	19	17	21	19	17	16
4	14	11	11	10	10	10	10	11	11	11	11	11	10	11	11	11	12	13	12	12	12	12	12	12	11
5	12	12	12	12	12	12	12	13	13	13	13	13	12	12	12	12	12	13	13	13	13	13	13	14	13
6	13	13	13	15	14	14	13	13	13	13	13	12	13	13	12	12	12	12	12						13
7													- DATA MISSING -												
8													12	13	13	13	15	15	15	16	16	15	14	14	
9	15	16	14	14	13	13	13	14	15	14	13	13	13	13	12	12	13	15	15	13	15	15	22	27	15
10	29	29	36	37	35	31	33	39	43	46	27	17	17	14	14	14	15								29
11													13	14	14	14	13	14	14	13	15	17	19	24	17
12	17	17	18	17	15	16	15	17	17	17	18	18	18	18	18	18	19	21	41	65	73	46	49	51	27
13	52	43	49	48	52	59	63	43	28	15	14	14	13	13	13	13	12	11	11	11	11	10	10	9	26
14	11	11	11	11																					
15													- DATA MISSING -												
16													13	13	13	13	15	17	16	16	16	15	15	15	14
17	15	15	16	16	15	14	15	15	15	14	15	14	13	13	13	13	14	15	14	15	14	14	15	14	14
18	15	15	16	17	15	26	31	17	17	15		13	16	16	15	16	19	16	15	14	14	15	15	16	17
19	17	17	14	13	13	13	13	13	13	13	13	13	13	13	13	13	12								13
20													- DATA MISSING -												
21																15	15	15	15	17	14	16	14	11	11
22	11	12	12	12	12	12	12	12	12	12	12	12	11	12	12	12	13	13	13	13	14	14	14	21	13
23	24	26	22	20	16	15	14	19	21	13	13														
24																13	13	14	16	14	14	13	13	15	19
25	28	29	28	26	30	30	32	37	34	30	28	27	18	16	15	15	16	16	16	16	16	15	15	14	23
26	13	13	13																						
27													- DATA MISSING -												
28													- DATA MISSING -												
29																		17	19	20	20	16	15	14	15
MEAN	18	18	18	19	19	20	20	20	19	17	16	15	14	14	14	14	15	15	17	19	19	18	18	18	17

PERCENTAGE OF DATA VALID - 59

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	19	37	39	31	25	23	23	21	17	17	15	15	9	15	15	14	14	14	13	13	10	11	20
2													DATA MISSING												
3														9	9	9	10	11	11	11	11	11	10	11	
4	14	17	17	14	15	13	10	10	11	10	10	10	10												
5													DATA MISSING												
6													DATA MISSING												
7													DATA MISSING												
8																	12	12	11	11	11	11	11	11	
9	12	13	11	11	11	13	12	15	15	14	13	13	13	13	12	13	13	14	13	15	15	15	15	22	14
10	17	22	26	25	19	13	15	14	13	12	12	12	12	12	12										
11																									
12																									
13																									
14														11	11	11	14	15	14	13	11	11	11	12	11
15	11	11	11	11	10																				
16														15	16	15	13	15	15	15	17	19	19	19	
17	35	38	34	48	35	37	47	51	23	17	13	11	11	11	11	10	10	11	11	11	11	10	10	11	22
18	10	9	9	9	9	9	8	8	9	9															
19																									
20																									
21																									
22																									
23	13	13	11	11	11	9	9	9	9	9	9	9	9	9	15	17	15	14	13	15	12	11	12	12	
24	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10
25	11	11	11	15	22	18	16	11	11	11	11	11	11	10	10	10	10	10	11	11	11	11	11	11	12
26	11	11	11	11	11	12	18	11	11	9	9	10	10	10	10	10	10	10	11	11	11	11	11	11	11
27	9	9	12	11	10	11	10	10	10	9	9	8	9	9	9	10	10	10	10	10	10	10	10	10	10
28	11	11	11	11	11	11	12	13	13	12	12	11	11	11	11	11	11	11	12	14	18	27	28	30	14
29	28	16	27	25	33	27	24	19	17	17	13	12	11	12	12	12	12	11	11	11	11	10	11	12	17
30	11	11	11	11	11	11	11	11	11	11	11	11	13	12	11	12	12	12	13	13	13	13	11	13	12
31	13	13	12	12	13	12	34	15	12	11	11	11	11	11	11	11	11	12	15	17	14	13	13	15	13
MEAN	14	14	15	17	17	16	17	15	13	12	11	12	11	11	11	12	12	12	12	13	12	13	13	14	13

PERCENTAGE OF DATA VALID - 50

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	39	15	19	12	12	12	12	12	12	12	12	12	12	13	14	14	13	13	13	13	11	11	11	12	14
2	11	11	11	11	12	12	12	12	11	11	11	11	10	10	11	11	11	11	11	11	11	11	11	11	11
3	11	11	11	11	11	14	15	11	11	11	11	11	10	10	11	11	11	13	12	13	17	18	15	13	12
4	13	12	13	14	15	13	13	17	17	15	13	11	9	10	10	10	10	10	11	11	12	13	18	16	13
5	15	12	11	11	11	11	12	11	10	10	10	10	9	9	9	9	10	10	10	12	13	15	15	11	
6	12	13	12	11	10	9	9	9	9	9	9	10	10	10	10	10	10	11	10	9	9	9	10	10	10
7	10	10	10	10	10	10	10	11	11	10	10	10	9	9	10	10	11	11	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	11	9
9	10	15	14	24	29	25	35	15	9	9	9	9	9	9	9	9	9	10	9	18	59	26	22	17	
10	28	26	30	27	11	14	13	13	14	13	15	14	11	11	11		11	13	13	14	12	13	16	16	
11	16	23	26	17	15	31	24	23	16	11	10	11	11	11	11	10	10	10	11	22	35	48	35	29	19
12	28	25	25	15	10	10	11	11	11	11	11	11	10	11	11	11	12	12	12	12	11	10	10	9	13
13	10	10	10	10	10	10	10	11	13	12	13	14	14	12	11	11	11	10	10	10	9	8	8	8	11
14	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	11	11	11	11	11	11	9
15	10	10	10	10	10	10	11	10	10	11	11	11	11	12	11	10	10	10	11	22	27	30	36	37	15
16	38	48	43	45	43	57	43	39	27	11	11	10	10	10	10	11	11	11	11	10	10	10	10	10	22
17	9	9	11	15	11	31	22	12	9	8	8	8	7	7	8	8	9	9	9	10	16	32	37	13	
18	42	63	45	42	37	35	41	15	11	11	12	14	6	6	6	9	9	9	10	7	8	9	10	13	22
19	15	65	55	51	49	41	28	15	10	9	6	6	6	6	7	8	8	8	8	8	8	8	8	8	23
20																									
21	40	19	13	22	12	13	14	13	13	13	12	11	10	11	11	11	13	13	13	12	12	12	11	12	14
22	11	12	11	11	11	11	11	11	11	11	11	11	12	13	13	13	14	14	15	18	18	14	14	15	13
23	13	13	15	14	13	13	13	13	12	12	12	12	12	12	12	12	12	12	13	17	12	13	14	15	13
24	12	13	12	12	32	32	18	12	12	12	11	11	11	11	11	11	11	11	11	10	10	10	11	11	13
25	11	11	11	11	11	11	11	11	11	11	11	11	10	11	11	11	11	11	11	11	11	11	11	23	11
26	39	45	34	33	67	52	29	13	13	12	14	12	11	11	11	11	12	13	12	12	12	13	13	13	22
27	12	12	17	20	19	23	18	13	13	13	12	12	13	13	13	13	13	13	15	16	37	53	47	44	20
28	42	43	43	38	32	41	38	29	17	16	18	14	14	14	14	13	13	12	11	12	17	32	32	40	25
29	37	38	31	14	19	30	22	13	13	12	12	12	13	13	13	13	13	13	14	38	47	43	48	22	
30	52	49	60	51	56			24	16	16	16	16	15	15	16	18	20	21	20	22	37	41	35	82	32
MEAN	21	22	21	20	21	21	18	14	12	11	11	11	11	11	11	11	11	11	12	13	16	20	19	22	16

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	13	12	12	11	11	11	11	11	12	0.000
5	11	11	11	11	11	15	12	11	11	11	11	11	11	11	10	11	11	11	11	12	17	37	46	44	15
6	47	45	49	58	46	36	20	15	14	14	14	14	13	14	15	14	15	15	13	13	13	12	12	12	22
7	11	11	11	11	11	11	11	11	11	11	11	11	11	11	13	15	15	16	16	18	19	24	21	12	13
8	11	11	11	12	12	13	14	14	13	13	***	13	13	13	13	15	15	13	15	14	14	14	13	13	13
9	13	13	22	***	11	11	12	12	12	12	12	12	11	11	12	12	12	12	12	12	12	12	12	12	12
10	12	12	12	12	12	12	12	12	12	12	***	12	12	12	12	12	12	12	12	14	22	29	37	37	15
11	39	49	52	51	57	36	22	24	22	15	14	13	12	12	12	12	12	12	12	12	12	12	13	14	23
12	15	23	26	22	30	30	30	19	20	17	15	14	14	14	15	15	15	15	18	62	53	46	49	25	
13	51	56	63	66	65	56	45	22	16	15	14	14	14	15	15	15	15	17	17	19	19	34	29		
14	43	24	14	15	16	15	17	15	15	14	14	14	13	13	13	13	13	13	14	14	15	15	14	15	16
15	15	14	14	***	***	***	***	***	***	***	15	13	14	14	14	14	13	13	13	15	15	15	13	13	14
16	14	13	15	12	11	11	15	15	14	13	13	12	11	11	11	12	12	13	13	14	17	17	14	15	13
17	20	24	28	23	13	15	14	15	13	13	13	13	12	12	12	12	13	15	16	26	32	35	24	19	18
18	22	49	39	54	48	49	35	21	16	***	15	14	13	13	13	13	15	15	13	21	34	40	33	35	27
19	27	47	64	45	42	40	24	15	13	13	12	13	13	13	13	13	13	13	14	16	59	43	45	41	27
20	42	42	35	24	13	13	13	13	13	13	14	14	13	13	13	14	12	14	17	32	37	32	48	45	22
21	53	57	60	59	48	33	31	32	26	23	30	19	14	13	13	13	15	14	13	12	12	11	11	11	26
22	12	12	17	19	23	19	15	11	11	11	11	11	11	11	11	13	12	12	13	33	42	37	39	42	19
23	44	49	44	49	51	41	36	32	23	15	17	16	14	15	15	15	15	16	18	45	48	38	49	52	32
24	47	50	41	32	33	27	18	18	17	13	13	13	13	14	***	15	16	14	16	33	46	40	38	26	
25	41	38	37	24	11	11	12	12	13	12	12	11	11	7	9	9	9	9	9	9	11	11	11	10	15
26	9	9	9	9	9	8	11	13	13	10	11	9	8	7	7	9	9	9	10	13	26	22	30	27	12
27	30	32	35	31	33	28	22	19	17	10	9	8	7	6	7	7	7	9	9	9	28	58	36	40	21
28												- DATA MISSING -													
29												- DATA MISSING -													
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	15	15	15	16	17	15	18	17	16	18	20	19	11	0.000
31	10	10	10	9	9	9	10	11	11	11	11	10	11	12	13	13	13	12	12	12	12	12	11	11	11
MEAN	27	29	30	29	27	23	20	17	15	13	14	13	12	12	12	13	13	13	13	17	25	26	26	26	19

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	11	10	11	12	11	11	13	12	11	11	12	11	11	11	13	22	28	25	17	17	17	17	25	15
2	30	34	32	25	26	26	33	32	35	33	26	15	16	16	16	14	14	14	14	15	15	15	17	16	22
3	28	45	55	41	41	40	15	16	15	18	19	20	18	17	15	15	15	15	17	19	16	16	17	23	
4	21	24	18	13	15	17	16	13	12	12	12	12	12	12	11	11	11	11	11	11	10	10	10	13	
5	11	11	11	11	13	15	13	13	11	10	10	10	11	12	12	11	11	11	11	12	14	27	54	59	16
6	42	35	34	46	29	37	37	21	23	17	14	14	13	13	11	11	12	12	12	12	12	20	35	28	23
7	26	30	27	21	30	30	13	12	11	10	10	10	11	10	11	12	11	11	11	13	19	24	17	17	17
8	17	16	14	16	14	12	13	14	14	15	13	13	15	13	13	13	12	12	13	***	***	***	***	14	
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	12	12	12	11	11	11	11	11	11	***	
10	10	9	10	10	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	11	17	10	
11	19	17	23	25	25	27	12	11	11	11	11	11	11	12	11	11	12	12	12	12	15	15	15	15	15
12	15	17	18	16	16	18	21	18	16	16	17	18	15	17	17	17	18	19	19	18	20	22	26	30	19
13	21	19	17	18	17	17	17	18	18	17	18	17	15	15	15	15	16	16	16	18	16	19	17	18	17
14	19	19	22	30	18	17	19	21	18	17	17	18	18	18	16	17	16	14	14	14	14	14	13	14	17
15	13	14	13	13	12	13	14	14	14	14	14	14	13	13	12	13	13	13	13	13	14	13	13	13	13
16	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	11
17	12	12	11	12	12	13	13	13	12	13	13	13	12	11	11	11	12	12	12	13	17	32	28	32	15
18	35	40	34	32	30	26	21	11	10	13	11	11	11	11	12	12	12	12	13	13	13	13	13	13	18
19	14	14	22	34	35	36	33	23	17	15	13	13	14	14	14	15	15	15	16	15	15	21	19	19	19
20	19	26	36	37	49	52	23	16	15	14	12	12	13	13	11	13	14	14	13	13	13	13	14	13	20
21	13	14	16	16	13	14	15	18	20	15	14	13	13	13	13	15	15	13	13	13	12	12	12	12	14
22	11	11	10	10	10	10	11	10	9	9	***	***	***	***	13	12	13	13	13	11	12	11	11	11	11
23	10	10	10	10	12	12	13	14	14	13	13	13	13	13	13	13	13	14	12	13	13	14	13	13	13
24	12	12	12	12	12	12	13	13	13	13	15	14	14	14	14	15	15	17	20	20	21	22	27	16	
25	26	28	32	40	40	33	18	16	14	13	13	13	12	12	12	13	13	13	13	15	15	15	16	20	19
26	22	26	28	28	26	15	14	14	14	14	15	15	15	15	15	15	15	15	17	27	34	39	39	21	
27	38	31	27	36	44	34	26	18	15	13	13	13	15	15	15	14	14	15	15	18	39	41	47	24	
28	41	40	41	38	42	37	26	24	20	13	13	13	12	13	13	13	13	14	15	15	15	15	15	15	22
29	13	14	13	13	14	15	16	15	16	16	16	16	16	15	17	17	17	15	18	16	13	12	12	15	
30	12	12	12	13	13	12	13	14	14	13	14	14	15	15	16	17	17	17	17	21	22	18	16	17	15
MEAN	20	21	21	22	22	21	18	16	15	14	14	13	13	13	13	13	14	14	14	14	15	18	19	20	17

PERCENTAGE OF DATA VALID - 96

UNITS - PARTS PER TEN MILLION

MONTH JUL 72

13 14 15 16 17 18

PERCENTAGE OF DATA VALID - 83

UNITS - PARTS PER TEN MILLION

MONTH AUG 72

12 14 16 16 17 18

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	44	49	50	48	44	41	41	40	30	20	19	18	18	18	18	18	18	18	19	21	20	41	57	50	32
2	42	22	16	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	15	15	15	15	15	15	17
3	15	15	15	14	14	15	14	13	13	14	14	14	14	14	14	14	15	15	15	15	15	15	22	21	15
4	19	29	24	29	29	34	33	19																	
5																									
6	23	32	37	36	40	32	35	22	17	16	17	16	16	15	15										
7																									
8																									
9	17	16	18	19	17	16	16	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	16
10																									
11																									
12																									
13	54	44	22	22	22	22	25	28	25	22	22	24	23	26	25	24	20	20	22	22	23	35	58	57	25
14	23	22	17																						
15																									
16	24	23	22	22	22	26	40	33	24	24	26	23	22	22	23	22	21	19	21	21	21	22	22	23	24
17																									
18																									
19																									
20	17	17	17	16	16	20	20	22	19	17	17	17	17	16	16	16	17	17	17	17	18	20	36	37	18
21	21	29	42	40	48	48	21	20	21	19	17	17	17	17	17	18	19	19	19	20	22	19	19	18	24
22	18	17	17	17	17	17	18	19	19	18															
23	36	38	41	41	35	37	32	33	34	26	18	17	16	16	17	16	16	17	16	18	28	35	44	41	21
24	17	21	21	18	17	17	17	17	17	18	18	18	19	21	20	22	24	24	22	26	25	32	47	46	23
25	47	46	37	35	35	30	20	22	22	21	18	16	16	16	16	16	17	18	18	18	17	17	17	18	23
26	13	19	19	18	16	15	13	14	15	16	15	15	15	16	17	17	18	18	18	18	26	24	35	41	20
27	13	13	13	13	13	13	12	13	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14
28	15	15	15	14	14	14	15	16	16	15	15	14	15	15	14	15	15	16	17	18	17	17	20	19	16
29	20	19	17	17	19	19	18	17	17	17	17	17	22	22	20	20	23	27	30	16	16	17	16	15	19
30	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	17	16	24	33	32	37	48	19
MEAN	25	25	24	24	24	23	22	21	19	18	17	17	17	17	17	18	18	19	18	20	21	24	28	28	21

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	39	34	43	36	30	26	28	27	15	15	15	15	15	14	15	17	16	16	16	16	17	17	15	22
2	17	17	17	17	17	19	32	35	20	21	20	19	19	19	20	21	21	22	24	29	45	49	44	36	25
3	22	20	21	19	19	19	23	28	27	23	21	22	24		19	20	21	22	22	21	22	22	26	43	23
4	43	54	47	54	52	45	61	43	18	18	19	20	18	18	18	19	19	19	19	20	17	17	17	17	29
5	17	16	16	18	30	39	45	46	24	19	18	18	17	18	19	19	19	19	21	21	21	21	21	51	24
6	40	62	50	60	58	56	42	51	40	41	27	23	16	17	17	18	23	23	22	21	28	17	15	15	33
7	15	15	15	15	15	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	19	31	26	28	17
8	26	20	22	19	17	17	17	17	16	15	13	13	14	15	15	15	15	16	16	16	16	16	15	15	16
9	14	14	15	15	15	15	15	15	14	14	14	14	16	15	16	16	16	16	16	16	16	16	17	34	16
10	26	25	28	28	28	27	28	33	27	18	16	16	16	16	17	17	17	17	17	17	17	17	17	17	21
11	17	35	44	41	39	40	39	40	18	17	17	16	17	18		17	17	17	17	17	17	17	17	17	24
12	17	17	18	17	18	17	15	16	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	15
13	13	13	13	13	15	26	32	33	19	17	13	12	13	13	13	13	13	13	13	14	15	15	14	14	16
14	13	13	12	12	12	12	13	13	13	13	13	12	13	13	11	11	11	10	9	9	9	9	9	9	11
15	10	11	11	26	16	12	17	11	11	11	11	12	11	11	11	11	12	13	12	13	13	13	12	10	12
16	13	12	12	12	12	13	13	13	13	13	13	13	11	12	11	11	11	13	13	13	13	13	12	10	12
17	10	9	8	8	8	9	10	11	11	11	11	11	16	16	15	17	18	19	22	18	18	18	17	14	14
18	17	21	19	18	17	17	17	25	29	24	20	17	18	17	17	18	18	19	20	21	19	19	19	19	16
19	30	35	33	45	37	37	41	41	25	19	18	18	17	17	17	17	17	17	23	32	37	37	43	46	29
20	54	52	47	49	50	37	39	39	40	22	20	22	22	21	19	19	19	21	22	43	45	25	24	25	32
21	44	49	50	52	46	46	58	63	45	21	19	19	21	21	21	22	22	22	22	21	20	20	20	19	32
22	19	19	18	18	19	19	19	19	19	20	21	22	22	24	24	24	23	26	24	23	24	22	22	21	21
23	19	19	19	18	17	17	22	23	19	18	21	23	22	22	22	22	20	19	19	18	18	17	15	14	19
24	14	13	13	14	14	13	14	15	15	14	15	14	14	14	14	15	15	15	14	15	15	15	14	14	14
25	14	13	14	14	15	14	14	15	16	16	14	14	15	16	17	17	17	17	17	19	19	19	19	19	16
26	17	17	17	17	17	18	18	18	17											22	24	25	46	58	22
27	61	58	53	54	65	50	45	63	58	52	26	25	23	22	21	23	24	25	25	24	23	24	25	56	39
28	56	56	63	63	48	44	27	30	34	36	27	26	27	27	26	26	27	57	39	33	30	26	26	27	37
29	27	26	26	25	24	23	22	22	22	22	22	22	23	22	22	22	22	22	22	22	22	22	21	22	23
30	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	21	25	43	37	61	63	58	56	30
31	53	54	46	37	36	32	25	25	26	24	24	23	22	23	23	25	25	24	24	24	24	24	23	23	29
MEAN	26	27	27	28	27	26	27	28	23	20	18	18	18	18	18	18	18	20	20	21	22	22	22	25	22

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	23	23	23	23	24	24	25	24	23	22	24	24	25	24	25	24	24	25	25	26	26	26	24
2	27	27	29	25	24	26	25	26	28	26	26	28	28	29	28	28	28	32	37	43	49	42	28	41	30
3	28	26	24	24	24	24	24	25	26	24	21	21	21	21	17	17	18	17	17	17	17	17	16	21	
4	17	17	17	17	17	16	16	17	17	17	19	19	19	19	20	20	21	24	22	20	18	18	17	17	18
5	17	18	17	20	17	17	17	17	16	16	17	17	18	17	18	18	18	20	40	41	56	38	25	45	23
6	47	41	42	36	49	47	35	45	31	19	19	19	19	18	18	18	19	20	21	19	19	19	18	18	27
7	22	33	39	36	39	49	35	44	22	17	17	17	18	18	20	19	19	18	20	17	17	17	17	17	25
8	16	15	15	15	16	16	15	17	18	17	17	17	17	17	17	17	17	17	15	15	15	15	15	15	16
9	15	15	15	15	15	15	15	15	15	16	15	15	17	17	17	17	17	17	17	17	16	16	17	17	16
10	15	15	15	15	15	15	15	16	18	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16
11	16	16	16	16	15	15	15	16	16	16	16	17	17	17	17	17	17	18	21	22	17	16	16	16	17
12	28	24	17	18	24	20	22	19	17	16	17	18	19	19	19	19	19	19	18	18	18	18	19	20	19
13	20	39	43	26	38	18	17	17	17	17	17	16	17	17	17	17	17	17	17	17	16	16	16	16	20
14	15	15	15	15	15	15	15	15	16	15	16	16	16	16	17	17	17	17	17	17	16	16	16	16	16
15	15	15	15	17	26	20	19	16	16	17	17	17	17	17	17	18	18	18	17	19	18	19	19	19	18
16	18	19	26	33	19	17	19	22	23	22	23	19	20	21	21	20	22	22	26	59	40	38	40	37	26
17	40	42	39	24	24	17	17	18	19	19	18	18	18	17	17	17	19	19	18	19	18	18	18	18	21
18	17	17	16	18	31	18	17	17	18	20	18	17	18	18	17	18	18	19	24	34	38	34	48	41	23
19	42	39	27	32	42	24	17	17	15	16	16	17	17	17	17	18	18	17	16	17	16	16	15	21	21
20	15	15	15	15	15	15	15	15	15	16	15	14	15	16	15	16	18	21	24	19	17	17	18	17	16
21	17	16	15	16	16	18	38	35	27	19	19	18	17	17	17	17	18	19	18	17	17	17	26	20	18
22	17	17	16	16	16	15	16	17	20	18	17	18	17	16	16	16	17	17	19	30	21	19	17	18	20
23	16	16	23	19	17	19	19	19	23	24	22	19	18	18	24	24	24	24	24	23	22	22	21	21	21
24	22	22	21	22	21	21	22	25	25	24	23	25	28	26	25	25	26	27	26	25	25	26	27	46	25
25	56	54	56	63	51	58	42	29	52	34	33	28	24	24	23	23	24	26	30	24	22	21	21	24	35
26	21	20	21	22	22	22	22	19	19	19	21	22	22	22	22	22	22	22	22	22	21	21	21	21	21
27	21	21	22	22	22	22	22	21	23	24	23	23	22	22	22	22	22	22	24	25	23	23	22	22	22
28	22	21	23	21	20	22	23	22	23	23	23	22	22	22	22	22	22	22	22	22	22	22	22	20	22
29	20	20	20	21	21	21	21	22	22	21	19	18	20	20	21	21	21	22	23	22	22	23	23	22	21
30	25	41	51	38	42	38	36	20	21	22	20	21	20	19	17	19	19	19	19	19	19	19	19	19	25
MEAN	23	24	24	23	25	23	22	22	21	20	19	19	19	19	19	19	20	21	22	23	23	22	21	23	22

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	20	22	23	22	22	22	20	21	24	21	17	16	15	16	17	17	18	18	18	18	18	19	17	17	19			
2	17	18	19	21	21	21	21	21	22	22	23	20	19	19	20	19	23	26	23	21	21	21	22	20	21			
3	18	18	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	18	17				
4	18	17	16	17	17	17	17	18	18	20	21	20	19	19	20	21	22	21	19	19	19	20	19	19				
5	17	17	17	17	17	17	17	18	20	21	24	25	25	28	26	27	28	26	30	30	33	31	24	23	23			
6	25	26	24	25	28	22	35	27	28	22	18	17	18	18	17	17	17	17	17	17	16	16	17	15	21			
7	16	16	17	18	18	18	17	18	19	18	18	19	18	18	19	23	22	22	34	41	40	33	32	34	21			
8	32	25	23	17	18	18	17	19	18	18	19	19	22	21	22	25	26	23	21	21	21	21	24	21				
9	24	26	26	27	24	22	25	39	35	24	22	22	22	23	22	24	30	29	25	21	25	23	24	19	25			
10	21	28	29	37	49	82	44	24	19	18	19	18	18	18	18	19	19	18	17	17	17	17	17	25	25			
11	16	16	16	16	16	21	17	19	22	19	19	19	19	20	20	20	19	20	20	21	20	22	20	27	19			
12	24	21	22	30	26	21	22	25	22	20	23	21	20	21	18	19	20	20	21	21	23	26	57	25	24			
13	21	22	21	19	19	18	18	18	18	18	18	18	18	18	18	19	22	22	21	20	20	19	19	19	19			
14	18	19	17	18	19	19	18	18	19	19	19	19	18	18	19	20	19	20	19	18	20	19	20	19	19			
15	19	18	17	17	17	19	19	19	18	18	17	18	18	19	19	21	21	21	19	19	19	19	17	18	19			
16	16	17	18	18	19	19	18	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16				
17	15	15	15	15	15	15	15	15	13	13	15	15	17	17	17	18	18	19	19	19	19	19	19	19	16			
18	DATA MISSING																23	25	24	27	26	28	25	24	24			
19	DATA MISSING																23	25	24	27	26	28	25	24	24			
20	22	45	28	19	15	13	16	17	16	15	15	16	15	17	19	17	19	19	17	17	16	15	15	14	18			
21	17	17	15	14	15	14	15	18	19	17	17	17	18	17	21	18	20	19	19	19	20	19	19	19	18			
22	17	16	16	15	15	16	15	18	19	21	19	18	18	19	19	19	19	19	19	19	18	18	19	19	18			
23	17	18	21	15	13	14	13	16	25	20	19	21	18	17	17	18	19	17	19	20	42	35	56	61	23			
24	52	40	45	31	44	50	44	47	33	28	13	12	12	12	12	12	13	13	13	12	14	22	19	13	25			
25	13	14	15	13	19	13	13	13	12	12	13	12	13	12	11	11	11	19	18	13	13	13	12	11	13			
26	11	10	10	9	9	9	10	9	9	10	13	11	10	10	11	11	12	12	12	12	12	12	12	12	10			
27	DATA MISSING																19	19	18	19	20	20	20	20	19	19		
28	DATA MISSING																20	20	20	20	20	20	20	20	19	19		
29	20	20	20	20	20	20	21	21	21	21	21	22	22	23	22	23	26	23	22	22	23	22	20	22	22			
30	22	22	22	22	22	22	22	22	21	22	22	22	24	24	24	23	22	23	22	23	22	21	21	21	22			
31	21	21	22	21	21	20	21	22	21	22	35	52	41	58	50	28	24	24	23	23	24	22	20	20	27			
MEAN	20	21	20	20	21	21	20	20	20	19	19	19	19	20	19	19	20	20	21	20	22	21	22	21	20			

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	3	16	0	19
FEB	24	17	29	73
MAR	21	13	22	51
APR	30	16	32	82
MAY	26	19	32	66
JUN	30	17	24	59
JUL	28	23	31	63
AUG	29	25	32	66
SEP	25	21	32	58
OCT	31	22	39	65
NOV	30	22	35	63
DEC	29	20	27	82
YEAR	306	20	39	82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	18	0	0	0	0	0	0	18
FEB	8	345	31	26	3	0	0	0	413
MAR	97	250	18	13	0	0	0	0	378
APR	195	379	38	68	4	0	0	0	684
MAY	43	393	46	99	5	0	0	0	586
JUN	44	527	71	55	0	0	0	0	697
JUL	0	318	173	132	1	0	0	0	624
AUG	0	195	311	115	4	0	0	0	625
SEP	0	307	116	60	0	0	0	0	483
OCT	17	399	209	104	10	0	0	0	739
NOV	0	395	255	67	1	0	0	0	718
DEC	11	362	247	34	2	0	0	0	656
YEAR	415	3888	1515	773	30	0	0	0	6621

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
75	6	10 5	13 5	16 6	20 4	34 0	42 4	49 9	55 8	82	19 8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D. O. H. BATHURST & WILSON

NO 34007

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	19	23	25	19	16	16	17	17	17	18	18	16	16	18	18	18	18	16	18	21	19	21	21	18
2	19	19	17	16	16	16	16	17	19	18	16	16	15	17	14	16	16	13	13	13	13	13	16	15	16
3	14	14	14	14	14	16	19	22	27	25	20	17	17	16	17	18	20	21	20	20	20	21	23	23	19
4	20	30	19	19	18	19	19	22	25	23	20	18	18	18	18	18	19	17	17	18	18	17	17	17	19
5	15	16	15	15	15	16	18	19	19	19	19	18	16	17	18	18	18	22	24	26	34	64	22	20	21
6	21	21	21	19	16	16	17	18	18	19	18	18	20	20	20	20	22	22	21	21	18	17	17	19	19
7	13	18	17	16	17	18	18	20	20	20	20	19	16	16	17	17	11	11	11	11	11	9	9	9	15
8	9	10	9	9	9	9	11	12	13	15	16	16	15	15	16	14	15	15	16	16	15	13	12	12	13
9	13	12	11	10	10	10	11	11	11	11	11	11	13	13	13	11	11	11	11	11	11	12	12	12	11
10	10	10	11	11	11	12	13	17	24	18	15	17	15	14	14	14	19	31	33	21	16	15	15	14	16
11	20	20	16	13	10	8	8	11	15	12	12	10	11	11	12	11	15	17	18	18	17	22	27	29	15
12	24	19	16	12	12	14	17	21	23	21	17	16	15	15	13	14	17	17	14	14	11	12	12	14	16
13	16	16	11	11	9	11	13	18	24	18	21	20	12	10	6	8	11	14	14	14	13	14	14	14	14
14	14	14	14	15	15	15	20	23	28	29	27	22	19	19	18	20	21	23	23	18	18	22	18	20	20
15	22	22	22	24	24	25	27	28	28	28	32	31	33	33	33	33	33	33	32	32	31	31	29	30	29
16	31	28	26	24	24	25	28	29	29	28	29	31	31	30	30	30	31	32	33	33	34	35	35	35	30
17	35	35	35	35	35	35	32	34	33	32	33	33	31	31	30	30	33	34	30	29	28	29	30	28	32
18	25	25	25	26	25	25	27	32	31	24	24	24	24	24	25	25	27	25	22	21	19	19	19	19	24
19	21	21	21	21	21	21	20	20	20	20	20	20	19	19	19	19	21	21	21	21	20	20	20	20	20
20	19	19	19	19	19	19	21	24	26	24	23	18	18	17	17	17	18	14	16	16	17	15	12	10	18
21	10	10	10	11	11	11	12	14	15	15	13	14	16	14	15	17	21	21	19	20	14	14	14	14	14
22	16	16	16	16	17	19	21	23	22	22	20	21	21	22	19	18	18	17	17	16	18	17	17	15	19
23	15	15	15	15	15	13	13	13	13	14	14	14	14	14	15	15	15	15	16	16	16	16	16	16	15
24	15	14	14	14	14	14	14	18	16	18	18	19	20	18	17	17	17	17	15	15	13	15	16	18	16
25	16	15	14	14	14	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	18	18	17	17	16	17	18	20	22	20	20	19	19	18	18	18	20	20	19	19	18	20	18	18	19

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D. O. H. BATHURST & WILSON

NO 34007

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	7	8	9	9	10	14	15	11	12	9	7	5	5	6	5	6	10	10	10	12	8	5	9
2																									
3																									
4																									
5	11	12	13	13	14	14	15	15	17	18	18	18	6	5	6	6	8	9	10	11	12	13	13	11	16
6	13	13	13	12	12	11	10	9	7	8	9	7	17	18	18	18	18	18	17	16	13	13	14	14	16
7																									
8	10	13	13	12	12	13	15	21	24	17	16	14	13	12	11	13	11	12	11	14	14	14	11	12	13
9	18	19	19	18	16	16	17	19	18	18	17														
10																									
11																									
12	16	16	15	15	14	14	15	17	19	19	19	19	21	20	20	21	24	26	30	37	30	28	30	27	21
13	28	24	23	22	19	19	19	18	17	17	14	14	14	13	13	12	12	10	10	10	11	8	8	8	15
14	9	9	9	9	9	10	12	12	10	8	9	9	11	11	9	9	14	16	13	13	15	16	14	14	11
15	11	10	10	9	9	13	15	19	20	15	15	11	9	9	9	9	9	8	8	9	9	9	10	8	11
16	8	8	8	9	9	9	10	12	12	12	12	13	11	12	12	12	15	16	19	17	16	15	15	15	12
17	13	13	14	13	13	13	14	20	21	15	14	17	14	14	14	15	18	16	15	16	17	16	15	14	15
18	12	11	11	13	13	17	21	24	23	18	16	18	19	17	18	23	21	18	17	17	15	14	13	17	
19	16	12	12	13	10	10	10	11	11	11	11	10	10	10	10	10	10	9	9	9	8	8	8	8	10
20	8	8	10																						
21																									
22																									
23																									
24																									
25	13	13	14	14	13	16	17	22	26	23	22	24	25	22	24										
26																									
27																									
28																									
29																									
MEAN	13	13	13	13	12	13	14	16	16	14	14	14	13	13	13	12	14	14	15	15	15	15	14	13	14

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D O H BATHURST & WILSON

NO 34007

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	10	10	10	10	10	10	10	11	11	12	12	12	12	12	12	12	13	13	13	12	12	12	12	12	11
9	12	13	13	11	11	13	15	19	17	18	16	13	12	12	13	11	13	15	15	16	13	13	15	19	14
10	16	16	16	15	14	17	14	17	14	14	13	12	12	12	12	12	12	12	12	13	15	25	19	25	15
11	24	22	21	21	20	15	13	15	15	15	15	15	15	15	15	15	15	15	15	18	19	22	20	17	17
12	18	15	16	14	14	13	13	13	12	12	12	11	11	13	11	11	12	12	15	16	18	21	18	20	14
13	15	12	12	12	12	12	15	20	20	15	14	13	15	14	14	14	18	16	13	12	12	12	12	12	14
14	12	10	10	9	9	9	12	14	16																
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	15	14	14	13	13	13	13	16	15	14	14	13	13	13	13	13	14	15	14	14	14	17	16	17	14

PERCENTAGE OF DATA VALID - 21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D O H BATHURST & WILSON

NO 34007

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	6	6	6	6	6	6	6	6	6	6	6	6	9	9	9	9	6	6	6	8	7	6	6	6	
9	10	10	11	11	10	10	12	10	9	9	9	9	9	10	10	9	9	9	9	10	10	10	9	11	8
10	16	14	14	14	14	14	16	22	26	17	17	17	17	16	19										
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18	21	25	26	29	31	26	26	28	25	23	22	23	22	22	22	23	19	17	17	19	18	17	21	28	23
19	29	32	29	20	21	20	19	25	22	23	23	22	22	22	23	21	20	20	18	18	18	17	17	22	
20	16	16	15	14	14	14	16	17	17	16	16		19	16	16	16	17	17	19	17	18	18	19	18	17
21	17	17	17	17	16	17	17	24	22	20	20	18	17	18	19	20	23	21	19	19	18	16	16	19	
22	14	14	14	14	13	13	13	14	14	14	14	15	15	15	15	17	17	17	20	24	25	22	19	20	16
23	18	18	17	17	16	15	17	17	17	16	15	16	16	16	16	16	15	15	17	17	17	17	16	15	16
24	15	14	14	15	16	18	18	19	17	16	16	16	16	16	17	16	16	17	17	17	17	17	17	16	16
25	16	15	15	15	16	17	18	18	18	18	17	16	16	16	16	16	16	16	16	17	16	17	17	19	17
26	21	21	22	20	21	22	24	23	20	18	16	16	17	16											
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	17	17	17	16	16	16	17	18	17	16	16	16	15	15	16	15	15	15	15	15	15	15	15	16	16

PERCENTAGE OF DATA VALID - 41

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - D. O. H. BATHURST & WILSON												NO 34007 MONTH MAY 72													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9	31	28	17	16	16	18	21	23	20	19	19	19	19	18	18	18	18	17	18	18	18	18	18	18	19
10	17	19	19	19	19	21	24	24	24	24	24	24	22	23	22	20	20	20	20	22	23	25	30	34	22
11	37	34	34	28	29	30	32	32	30	29	26	24	24	24	24	24	24	24	24	26	27	26	27	28	28
12																									
13	20	32	119	33	31	27	22	20	16	14	12	12	12	12	12	14	14	14	14	15	17	16	15	13	
14	24	23	14	12	10	10	11	13	15	15	15	16	17	17	15	13	13	13	13	14	13	13	13	21	22
15	12	12	12	12	11	14	24	30	26	24	21	17	15	15	18	18	18	21	19	18	17	17	18	15	18
16	14	14	14	15	16	18	18	19	18	18	17		14	10	9	10	9	9	9	10	19	12	12	14	
17	10	10	8	9	9	10	13	15	13	11	11	12	12	13	13	16	16	16	16	17	17	18	23	29	14
18	27	25	23	21	20	21	24	29	28	30	25	23		17	17	18	22								23
19				25	17	17	21	26	21	18	20	20	17	17	18	20	19	18	18	21	22	23	26	26	20
20	23	20	17	16	16	18	18	18	18	18	18	18	18	16	16	16	16	16	16	17	18	20	24	24	18
21	24	22	25	27	28	29	27	23	21	18	23	21	20	19	18	17									22
22													22	20	20	20	20	20	22	23	23	25	30		
23																									
24													- DATA MISSING -				31	29	36	35	30	36	37	34	
25	29	27	27	27	25	26	28	30	26	24	24	24	28	33	27	28	28	27	27	29	30	29	30	27	28
26	26	25	25	25	25	29	35	36	34	32	30	29	29	29	29	32	32	30	32	32	32	33	36	38	31
27	37	87	39	37	36	38	41	37	34	32	32	32	30	27	27	27	27	27	29	31	31	31	34	40	35
28	45	40	38	38	38	38	39	38	35	31	33	33	30	28	27	27	28	28	30	31	33	37	43	41	35
29	42	38	41	41	40	47	45	40	37	37	34	31	31	29	28	30	30	30	33	33	34	36	37	35	36
30	31	31	31	30	29	30	35	35	32	33	34	31	30	30		35	34	33	31	33	27	26	25	26	31
31	26	25	25	25	25	26	26	26	28	29	30	30	31	28	26	26	26	25	25	25	25	25	25	25	26
MEAN	26	28	29	24	23	25	27	27	25	24	23	23	22	21	20	22	22	22	22	23	24	24	25	26	24
PERCENTAGE OF DATA VALID -				64																					

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION														MEAN
	STATION - D O H. BATHURST & WILSON											NO 34007														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	26	26	26	27	27	29	31	32	31	31	30	30	30	30	30	30	32	31	36	41	37	37	39	40	32	
2	41	43	44	45	47	48	58	59	43	38	35	36	31	31	31	14	14	12	12	12	12	14	14	14	32	
3	15	16	15	16	17	21	16	11	12	12	11	10	10	7	11	14	10	7	9	11	12	12	14	12	12	
4	17	17	11	9	10	11	11	9	9	9	9	9	8	8	6	6	5	6	6	6	7	7	7	9	9	
5	6	5	5	5	5	7	8	10	13	11	9	10	10	9	9	9	9	8	8	9	12	14	14	13	9	
6	20	20	18	16	15	16	15	14	12	11	9	9	10	10	10	9	9	9	9	9	12	14	14	13	9	
7															19	19	17	17	18	20	21	21	19	20		
8	20	19	15	13	16	16	19	18	18	17	15	13	15	14	12	12	11	11	12	12	11	11	13	12	14	
9	12	9	8	7	7	9	10	10	10	8	8	8	9	7	6	6	7	7	9	9	9	9	10	10	9	
10	10	9	9	9	9	9	9	9	13	14	14	13	14	14	12	12	14	13	13	15	16	18	18	16	13	
11	15	17	17	18	18	18	17	18	18	18	18	16	16	15	15	15	17	18	18	18	21	21	21	20	18	
12	18	19	21	22	21	22	32	30	27	26	23	25	23	23	24	26	28	27	24	24	23	24	28	25	24	
13	23	19	17	17	17	20	25	26	24	21	20	20	20	18	18	20	20	19	18						20	
14																										
15																										
16																										
17																										
18																										
19																										
20																18	18	18	16	11	11	13	14	12		
21	13	12	12	14	14	14	19	19	14	13	15	11	11	9	10	10	9	10	11	11	11	9	9	9	12	
22	9	9	9	10	11	13	11	11	11	10	9	9	9	16	14	13	13	12	11	11	11	11	11	11	11	
23	11	11	11	11	11	14	18	18	15	14	14	14	14	14	16	18	23	21	14	11	15	17	29	14	15	
24	10	10	10	11	12	17	19	20	20	21	21	21	21	21	20	22	23	22	22	22	22	23	25	25	19	
25	26	23	27	29	30	33	29	21	20	20	20	20	18	18	18	18	18	18	20	21	23	26	27	26	23	
26	26	26	26	26	24	20	20	21	21	20	20	20	21	29	30	25	26	25	25	25	25	25	24	24	24	
27	25	27	25	26	24	25	26	27	23	20	19	19	19	23	25	26	26	27	30	31	29	31	34	31	26	
28	30	27	26	26	25	28	34	33	30	33	29	27	25	26	27	30	30	31	30	30	31	30	30	29	29	
29	29	27	27	26	26	29	35	37	33	33	33	34	31													
30												17	15	15	17	24	24	22	23	25	23	17	14	15		
MEAN	19	19	18	18	18	20	22	22	20	19	18	18	18	17	17	18	18	17	17	18	18	20	18	19		
PERCENTAGE OF DATA VALID -	70																									

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS											UNITS - PARTS PER TEN MILLION														
STATION - D.O.H. BATHURST & WILSON											NO 34007 MONTH JUL 72														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	17	17	22	24	23	23	23	25	23	22	14	16	18	15	17	17	18	21	19	23	27	27	20
2	21	21	24	25	29	24	20	19	18	18	17	16	16	16	18	18	17	17	17	18	21	20	19	20	20
3	19	19	20	19	18	16	16	16	16	17	16	18	18	18	17	17	17	17	17	18	18	18	18	18	18
4	18	18	17	18	18	18	18	21	20	18	18	16	18	17	17	17	17	17	17	18	22	21	21	20	18
5	19	19	19	20	20	20	21	21	20	20	20	21	19	19	19	23	24	23	23	21	23	25	24	20	21
6	19	20	22	23	25	25	25	25	23	22	20	18	19	21	21	21	24	23	22	25	26	24	32	34	23
7	33	34	36	28	23	25	26	24	24	24	27	22	21	21	21	21	24	24	25	24	28	27	27	29	26
8	29	31	31	28	23	21	22	21	20	20	18	15	17	15	16	15	15	16	18	17	20	23	22	23	21
9	26	28	29	23	19	17	16	17	17	17	17	17	17	16	15	15	15	15	17	17	17	15	12	12	18
10	11	11	11	11	11	12	16	17	14	10	10	10	13	17	10	16	12	11	11	13	13	15	15	15	13
11	14	18	17	16	18	23	23	22	28	22	20	18	18	18	19	22	23	24	25	25	27	29	29	28	22
12	28	25	25	31	33	35	38	30	25	22	21	19	18	17	17	18	20	20	22	21	21	22	21	16	24
13	13	12	12	12	15	21	23	22	16	14	16	17	17	19	19	16	12	12	12	12	13	13	14	14	15
14	14	19	16	16	15	15	19	23	23	20	20	18	17	18	19	19	24	20	21	21	22	23	21	19	19
15	18	17	17	16	16	16	16	16	16	16	19	18	16	18	17	13	22	23	23	23	24	24	24	24	17
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	26	37	23	22	23	27	37	39	31	22	22	18	18	18	15	13	14	15	16	17	23	23	15	14	22
21	13	13	13	13	13	13	13	15	12	13	13	13	13	13	14	16	17	18	18	20	21	21	20	20	15
22	21	19	18	17	17	19	22	27	22	18	18	16	16	15	15	12	12	13	13	12	12	9	10	10	16
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	20	21	20	20	20	21	22	22	21	19	19	17	17	17	17	17	18	18	19	19	21	21	21	21	19
PERCENTAGE OF DATA VALID -					57																				

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - PARTS PER TEN MILLION														
		STATION - D.O.H. BATHURST & WILSON										NO 34007 MONTH AUG 72														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	16	16	16	15	14	16	17	17	16	16	16	16	18	14	17	19	19	19	19	18	16	16	16	16	16	16
2	14	16	14	12	10	10	16	15	10	12	18	17	16	16	17	17	17	17	17	19	20	20	19	19	16	
3	19	19	19	19	19	21	20	20	20	20	20	20	20	21	21	22	23	23	25	24	24	24	25	21	23	
4	25	26	24	25	27	29	32	26	21	21	21	21	21	21	21	21	21	21	21	23	23	23	23	21	23	
5	21	21	21	21	22	23	21	19	19	20	21	21	20	20	21	21	21	21	21	21	21	21	21	20	21	
6	19	19	19	19	19	19	20	23	22	21	19	16	16	15	14	14	15	16	17	17	17	16	16	18	18	
7	15	15	15	15	15	15	20	22	18	18	17	18	20	18	18	19	22	22	20	19	19	19	19	18	18	
8	17	15	17	17	17	17	19	21	18	18	17	14	15	15	9	6	6	6	7	10	11	9	8	8	13	
9	8	8	8	8	8	9	10	10	9	8	6	6	6	6	6	6	6	6	7	9	12	14	15	14	9	
10	14	15	15	17	17	15	20	24	18	15	14	11	10	10	10	11	12	13	11	13	14	13	11	10	14	
11	11	9	9	9	10	10	12	15	15	14	10	7	6	7	10	8	6	6	7	8	10	9	10	10	10	
12	9	10	10	10	10	10	10	10	9	8	8	8	8	10	10	10	12	12	14	14	18	23	22	19	12	
13	16	16	14	12	11	11	12	17	13	10	10	9	9	9	9	13	16	14	11	11	10	9	10	10	12	
14	10	10	10	10	10	10	12	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
15	12	12	12	13	13	12	12	12	12	12	12	13	12	14	16	16	16	15	15	16	16	14	14	14	14	
16	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
17	14	13	12	13	13	17	16	16	13	13	13	14	14	12	13	13	12	12	13	17	16	16	16	14	14	
18	16	16	17	16	14	15	17	14	14	13	13	14	14	12	13	13	12	12	13	17	16	16	16	14	14	
19	22	21	20	20	20	22	23	22	23	20	18	17	17	16	19	21	22	23	25	21	19	20	21	22	22	
20	20	19	18	18	20	23	27	30	26	22	19	22	22	21	23	25	25	23	24	25	31	31	34	37	24	
21	37	37	34	32	35	35	36	34	32	28	26	23	24	24	25	27	27	29	29	27	36	34	33	31	24	
22	28	27	29	31	29	29	29	29	29	29	29	23	23	23	37	37	35	33	33	35	38	34	31	29	32	
23	29	26	25	25	27	25	26	25	26	26	26	25	26	26	26	27	26	26	27	27	27	27	27	26	26	
24	27	27	26	25	25	26	25	25	24	23	22	24	21	21	23	22	22	21	23	22	20	21	21	21	23	
25	22	21	21	20	20	21	22	24	22	22	21	20	19	20	21	24	25	27	27	29	30	29	28	23	23	
26	28	28	28	29	29	30	32	30	30	29	28	28	27	26	26	26	27	30	29	31	32	33	32	33	29	
27	31	31	33	31	31	32	37	39	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	
28	- DATA MISSING -																									
29	- DATA MISSING -																									
30	- DATA MISSING -																									
31	- DATA MISSING -																									
MEAN	19	19	19	18	18	19	21	21	19	19	17	17	16	17	18	18	19	19	19	19	20	20	20	20	19	

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION												
	STATION - D O H. BATHURST & WILSON												NO 34007												
	MONTH SEP 72																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	26	24	22	22	20	20	21	20	20	20	20	0	24	24	25	27	28	29	30	29	33	35	35	21
2													19	19	19	18	19	19	20	19	20	20	20	20	
3													-	DATA MISSING	-										
4													-	DATA MISSING	-										
5	17	17	17	17	17	22	24	24	21	21	20	20	17	16	16	17	18	19	19	19	19	20	19	17	20
6	26	26	27	28	28	31	31	31	28	27	26	23	23	25	26	29	27	26	26	25	26	26	26	28	27
7	29	31	29	29	31	33	33	33	32	29	27	26	25	24	23	23	23	23	23	24	24	24	24	24	27
8	23	23	23	23	23	23	23	23	23	23	22	22	22	23	23	23	23	23	23	26	25	25	26	26	23
9	26	26	26	26	26	26	26	26	26	25	25	26	26	25	25	25	25	28	31	31	34	34	34	35	28
10																									
11	35	35	33	34	36	34	37	40	32	28	26	28	28	28	31	34	31	28	31	30	29	28	28	28	31
12	30	28	28	28	28	28	30	30	30	31	31	29	26	26	26	27	27	27	29	32	29	28	28	28	29
13	29	31	28	27	27	28	33	38	34	30	29	29	31	27	23	19	18	18	20	21	23	26	26	23	26
14	22	23	20	19	19	19	19	20	18	18	18	18	18	18	17	17	17	17	20	21	21	21	21	21	19
15	21	23	23	21	20	21	25	32	35	28	22	19	19	20	19	22	22	22	22	23	23	21	21	21	23
16	20	20	20	20	20	20	20	22	22	23	21	24	24	24	23	22	22	22	24	24	23	23	23	22	22
17	21	19	18	18	18	18	18	18	18	18	18	19	20	20	20	21	21	21	21	21	21	21	21	21	19
18																									
19	18	18	16	16	17	17	17	19	19	19	19	19	19	19	19	23	23	25	27	29	32	35	28	21	21
20	20	20	20	21	21	25	29	31	26	23	22	22	18	18	18	18	21	21	21	21	21	21	25	24	22
21	19	19	20	20	19	20	24	26	24	24	24	24	17	17	17	19	20	20	21	22	22	22	21	21	21
22	16	16	16	16	16	18	20	21	21	21	21	21	21	21	19	20	20	20	20	21	21	22	22	24	20
23	20	21	24	25	29	33	33	31	28	25	20	20	20	20	20	20	21	21	21	21	22	22	22	22	23
24	21	21	19	19	20	22	25	30	32	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25																									
26																									
27	18	19	19	20	21	23	23	26	25	25	17	15	12	12	12	12	12	12	13	13	13	15	16	15	17
28	13	13	13	13	15	16	22	25	23	22	18	17	21	16	16	18	18	17	17	16	15	16	16	17	17
29	15	14	14	15	15	17	20	20	20	20	20	20	20	19	15	15	15	15	15	14	14	14	14	14	16
30	14	14	14	14	14	14	14	15	15	16	17	17	16	16	16	16	17	17	19	22	22	22	22	23	17
MEAN	22	22	21	21	22	23	25	26	25	24	22	21	20	21	20	21	21	21	22	23	23	24	23	23	22
PERCENTAGE OF DATA VALID -	78																								

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

HOUR DAY	POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION												
	STATION - D O H. BATHURST & WILSON								NO 34007				MONTH OCT 72												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	23	23	23	26	28	28	26	24	24	24	22	22	23	23	24	24	25	26	27	27	28	26	25
2	23	23	23	23	23	26	35	41	31	29	27	26	25	24	24	27	28	30	33	31	31	34	33	31	28
3	28	26	26	27	27	31	46	51	48	45	39	32	29	28	27	29	32	33	33	32	31	30	29	29	33
4	30	38	27	27	29	34	44	45	38	31	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27
5																									
6	26	28	28	28	28	28	30	36	36	39	39	40	34	31	32	29	29	28	26	25	23	19	19	19	29
7	19	19	19	19	19	19	19	19	19	20	20	20	20	20	20	20	20	19	19	20	20	20	20	20	20
8	23	24	23	21	21	21	21	21	20	20	19	19	19	19	19	17	17	17	20	20	20	20	20	20	20
9	20	20	20	20	20	20	20	20	20	20	20	20	22	23	23	23	23	25	25	25	26	26	26	28	22
10	30	30	29	29	31	33	41	45	37	33	29	29	29	29	28	30	30	30	30	29	28	28	27	27	31
11	27	28	29	29	31	35	47	41	29	26	26	26	25	29	27	30	33	32	29	26	25	25	25	23	29
12	23	23	23	22	22	22	22	23	22	22	22	22	22	22	22	22	22	22	23	23	23	25	27	27	23
13	21	21	21	22	24	25	32	33	27	29	28	28	26	26	25	27	29	30	30	29	29	27	27	26	27
14	21	21	23	23	23	23	26	25	25	25	25	25	23	22	22	22	21	21	21	24	24	24	25	25	23
15	22	22	22	24	24	24	24	25	25	21	24	24	22	22	22	22	22	23	27	30	30	28	28	29	24
16	23	23	23	23	25	25	23	24	25	23	24	25	23	22	22	22	23	23	25	25	24	23	23	23	24
17	19	21	21	22	22	23	26	30	25	25	25	23	22	22	22	22	22	25	27	27	27	28	28	28	25
18	28	28	28	28	29	33	34	32	31	30	29	28	24	25	25	26	27	28	29	28	28	28	28	28	28
19	25	26	27	27	28	32	36	36	29	25	29	29	22	25	25	26	29	30	33	34	36	37	42	34	30
20	33	37	37	40	39	41	39	36	29	28	29	28	26	25	25	22	22	24	27	30	29	25	25	25	31
21	24	25	25	27	28	31	28	25	25	22	24	24	24	24	23	23	23	24	23	22	20	20	20	20	24
22	21	22	22	20	20	20	20	20	22	22	22	22	24	22	23	23	25	25	22	21	20	20	20	19	22
23	18	18	18	20	20	21	28	31	26	24	26	23	23	25	28	32	30	26	24	21	19	17	17	16	23
24	15	15	15	15	15	15	15	17	16	16	16	16	17	17	17	18	18	18	18	18	17	17	18	18	17
25	17	17	17	17	17	17	18	18	18	17	17	16	16	17	18	18	19	22	27	24	22	22	20	19	19
26	19	18	18	18	18	21	27	31	28	23	21	21	18	18	18	27	27	28	30	31	34	32	32	32	25
27	30	28	28	29	31	37	47	48	39	32	31	29	27	27	28	32	34	33	33	31	28	27	29	30	32
28	31	30	32	33	35	33	32	33	33	39	35	30	30	30	28	27	27	27	29	28	25	25	25	26	30
29	25	24	23	23	22	22	21	20	20	22	23	23	21	21	20	21	21	20	22	22	22	22	21	21	22
30	21	21	22	21	21	20	22	23	23	23	23	23	23	23	23	23	24	26	25	29	25	24	23	23	23
31	24	24	24	23	24	24	26	32	35	28	26	25	25	24	24	26	31	32	29	26	25	25	25	24	26
MEAN	24	24	24	24	25	26	29	30	28	26	26	25	24	24	24	25	26	26	27	26	25	25	25	25	25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D O H BATHURST & WILSON

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	23	22	22	22	26	31	33	29	26	25	26	26	25	27	32	33	31	30	28	28	27	27	27
2	27	27	27	27	24	24	30	36	36	32	29	27	28	28	29	30	39	39	39	37	37	31	29	31	31
3	25	22	22	22	21	21	22	24	24	22	21	20	21	21	22	22	24	24	22	21	22	31	24	22	23
4	23	23	23	22	22	22	22	26	26	27	28	27	26	26	26	26	26	26	26	25	23	23	22	22	25
5	22	22	22	22	22	22	22	21	21	21	21	21	20	20	20	23	26	25	29	25	23	28	28	29	24
6	29	28	27	26	27	26	31	41	44	31	26	24	23	23	23	23	26	29	29	26	27	25	27	27	28
7	25	27	26	25	25	26	33	39	41	32	25	24	25	26	26	25	28	28	24	22	22	23	22	21	27
8	20	19	19	20	20	20	25	32	32	25	21	21	23	22	22	21	21	21	21	21	21	21	21	21	22
9	23	22	22	22	22	22	22	23	25	24	23	23	24	24	24	25	26	26	25	25	25	25	25	24	22
10	24	23	23	23	22	22	23	25	30	36	26	26	24	24	24	30	30	28	26	26	24	23	22	22	25
11	22	24	23	23	23	22	22	23	24	23	23	24	24	23	23	24	24	26	23	22	22	21	21	21	23
12	24	24	23	24	24	23	23	23	25	23	25	26	27	27	28	30	30	28	27	29	29	27	25	24	26
13	24	24	24	24	24	24	23	24	24	22	22	22	22	22	22	22	22	24	24	23	24	21	21	21	23
14	21	21	21	21	20	23	20	25	28	25	23	20	22	22	23	23	23	28	23	23	23	23	23	22	23
15	23	23	23	23	23	23	23	24	25	24	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
16	25	25	28	27	25	25	30	31	34	31	30	28	28	26	27	30	35	35	37	44	46	49	44	39	32
17	37	32	30	27	26	24	25	28	29	26	25	28	25	25	27	29	26	27	25	26	26	26	25	24	27
18	25	23	23	24	24	24	24	24	26	28	26	26	26	26	24	24	26	27	29	29	31	33	34	37	27
19	36	35	30	26	25	24	24	24	24	25	26	26	26	26	27	28	28	26	26	26	26	25	24	23	27
20	23	23	22	22	22	22	22	23	25	24	24	23	23	23	23	23	23	27	30	26	24	26	24	24	24
21	24	24	24	24	25	24	27	34	38	29	27	26	26	26	26	26	28	28	27	27	27	26	27	27	
22	27	25	24	23	23	23	24	27	28	26	25	24	24	25	23	23	23	24	26	25	27	27	26	25	25
23	26	30	28	29	26	26	27	30	32	30	28	28	27	27	27	28	28	29	27	26	26	26	25	28	28
24	26	26	26	25	25	26	26	27	30	30	29	28	28	27	27	27	28	29	29	29	29	31	34	35	28
25	35	34	34	33	31	29	29	30	30	31	34	35	33	29	32	32	32	34	34	31	28	27	25	26	31
26	25	24	23	23	23	23	22	22	22	22	22	22	25	26	26	26	26	26	26	26	26	26	25	25	24
27	25	25	25	25	25	25	26	27	27	26	26	26	26	26	26	26	28	28	27	26	26	27	27	27	26
28	27	27	27	26	27	26	28	31	31	29	28	28	30	27	29	28	30	31	30	30	29	29	29	29	29
29	29	29	29	29	29	29	30	31	32	30	29	29	29	28	28	21	21	24	27	27	29	29	27	29	28
30	27	27	28	28	29	29	34	30	33	31	25	26	22	23	23	23	24	25	24	25	25	24	24	25	26
MEAN	26	25	25	25	24	24	26	28	30	27	26	25	25	25	25	26	27	28	27	27	27	27	26	26	26

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D O H BATHURST & WILSON

MONTH DEC 72

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	20	20	20	21	21	22	23	26	28	25	26	26	19	20	20	20	20	20	23	23	23	24	24	22		
2	20	21	23	24	24	24	25	28	28	28	29	25	23	23	25	25	29	34	34	31	30	31	30	28	27	
3	21	23	22	22	22	22	22	22	22	23	23	23	20	20	20	21	21	23	24	25	26	26	28	23		
4	21	21	22	22	22	23	27	30	32	31	29	31	24	24	24	27	30	29	28	28	28	28	28	27		
5	23	23	25	25	26	27	27	29	30	32	35	35	36	36	36	42	44	48	41	46	46	45	41	38	35	
6	32	31	31	31	29	32	39	40	39	28	27	29	25	26	27	26	26	26	26	25	25	25	26	29		
7	24	24	24	25	26	27	30	32	35	34	34	14	14	14	13	13	14	15	19	21	22	22	23	22		
8	16	15	13	15	15	17	16	21	21	19	23	20	21	23	22	20	22	25	21	20	17	17	16	18	19	
9	18	19	18	18	19	17	17	16	18	19	18	16	17	17	18	18	20	24	27	24	21	19	19	22	19	
10	22	21	22	20	20	21	22	18	15	15	17	15	16	16	16	16	18	18	18	18	17	17	17	18	18	
11	17	18	18	18	18	18	19	21	26	23	22	19	16	16	16	16	17	19	19	19	16	15	15	16	18	
12	17	14	14	14	14	17	20	24	30	21	21	20	18	15	14	16	16	16	16	17	19	21	23	18		
13	18	15	13	12	13	12	12	12	13	13	14	13	14	13	13	14	18	14	15	15	14	14	14	14	14	
14	13	13	13	13	13	14	14	14	17	18	15	14	14	14	14	14	22	16	15	14	14	15	15	15	15	
15	13	12	11	11	11	11	13	17	20	17	15	15	13	13	14	14	14	14	12	12	11	11	11	11	13	
16	11	10	10	10	13	13	9	9	10	10	11	11	11	11	11	10	10	11	11	11	11	12	13	11	11	
17	13	13	13	13	13	13	14	14	14	16	17	16	16	16	16	16	16	17	19	19	18	16	17	17	16	
18	15	15	16	16	16	16	17	18	18	18	18	18	16	16	16	17	19	20	19	18	17	17	18	17	17	
19	18	17	14	14	15	15	18	21	22	21	19	18	18	18	19	19	19	19	18	18	20	22	22	22	19	
20	21	22	20	19	16	15	19	24	27	18	17	17	15	17	17	19	24	21	19	17	15	16	17	15	19	
21	15	15	15	15	15	18	24	27	23	21	21	20	20	22	27	27	30	30	26	27	23	22	21	22	22	
22	20	19	17	16	17	18	18	21	20	19	18	18	19	22	24	27	23	25	26	26	27	26	25	22	22	
23	23	22	20	17	15	15	16	21	22	24	25	27	26	25	24	25	25	25	26	27	28	27	28	32	24	
24	35	33	31	25	23	23	23	25	26	25	19	18	18	18	18	18	19	20	20	21	23	22	23	21	23	
25	20	20	20	20	20	20	20	19	19	20	21	21	20	21	21	22	24	23	21	22	22	21	21	21	21	
26	21	20	19	17	15	17	17	17	18	18	19	18	18	18	18	18	19	18	17	16	15	14	14	18	18	
27	15	15	15	15	15	16	16	22	20	22	20	22	21	23	22	21	23	22	21	19	19	20	19	17	19	
28	16	16	16	16	16	16	16	17	18	19	18	19	18	19	18	19	21	22	21	11	12	13	12	12	15	
29	11	14	11	10	9	11	14	18	17	16	15	14	15	15	15	16	16	15	14	13	13	12	12	12	14	
30	10	10	10	10	10	9	11	10	10	13	14	15	14	15	14	13	15	13	13	12	11	11	10	11	12	
31	11	12	11	9	10	9	10	10	10	10	11	15	21	25	28	24	21	19	16	15	14	17	15	13	11	15
MEAN	18	18	18	17	17	18	19	21	22	21	20	20	19	19	19	19	21	21	20	20	20	20	20	20	19	

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - D O H BATHURST & WILSON

NO 34007

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	19	32	64
FEB	20	14	21	37
MAR	8	14	17	25
APR	15	16	23	32
MAY	23	24	36	119
JUN	24	19	32	59
JUL	19	19	26	39
AUG	30	19	32	39
SEP	28	22	31	40
OCT	31	25	33	51
NOV	30	26	32	49
DEC	31	19	35	48
YEAR	285	21	36	119

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - D O H BATHURST & WILSON

NO 34007

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	31	353	157	44	1	0	0	0	586
FEB	102	228	39	1	0	0	0	0	370
MAR	12	135	14	0	0	0	0	0	161
APR	62	176	57	2	0	0	0	0	297
MAY	15	162	203	97	1	1	0	0	479
JUN	97	203	165	43	0	0	0	0	508
JUL	6	238	172	15	0	0	0	0	431
AUG	95	239	234	44	0	0	0	0	612
SEP	1	166	350	49	0	0	0	0	566
OCT	0	80	533	105	0	0	0	0	718
NOV	0	2	637	77	0	0	0	0	716
DEC	26	391	287	37	0	0	0	0	741
YEAR	447	2373	2848	514	2	1	0	0	6185

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
70	0	11.0	16.0	19.8	23.7	29.2	32.2	36.2	39.0	119	20.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	23	18	16	16	15	15	15	16	16	16	15	15	16	15	15	15	14	15	16	15	16	16	16
2	16	17	17	18	19	21	17	15	16	16	18	17	15	14	14	13	12	12	12	12	12	12	12	12	15
3	13	13	13	13	13	13	16	17	20	16	14	14	14	14	14	14	13	14	14	16	16	18	18	18	15
4	21	18	18	18	17	16	16	16	18	19	18	17	17	17	17	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
5																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
6																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
7																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
8																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
9																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
10																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
11																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
12																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
13																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
14																14	12	12	13	12	12	12	12	12	12
15	12	12	12	12	12	13	13	13	14	13	13	13	13	12	12	12	12	12	12	12	13	13	13	14	13
16	13	13	14	14	14	14	15	16	16	16	16	14	13	13	13	13	13	14	13	13	13	14	14	14	14
17	14	14	13	13	13	13	13	13	12	12	12	13	13	12	12	12	13	13	13	13	12	13	14	14	13
18	13	13	13	13	13	14	15	15	14	13	12	12	12	12	12	12	12	12	12	12	11	11	11	11	13
19	11	10	10	10	10	10	11	11	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11
20	11	11	11	11	11	12	14	14	13	14	14	13	14	15	14	15	18	15	14	13	13	13	12	11	13
21	11	11	11	11	11	11	12	14	18	16	16	15	14	DATA MISSING	16	17	17	15	15	14	14	14	14	15	14
22	14	13	13	13	14	17	21	17	16	16	17	16	17	17	18	16	17	17	16	16	15	15	14	13	16
23	12	12	12	11	12	12	12	12	11	11	11	11	11	12	12	12	12	12	13	13	13	13	13	13	12
24	12	12	12	12	12	12	12	13	14	13	12	12	14	13	13	13	13	14	14	15	15	15	15	15	13
25	14	13	13	12	12	11	11	11	12	12	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12
26	13	13	13	13	12	13	13	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13
27	14	14	14	13	13	13	13	13	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13
28	14	14	14	17	14	13	13	14	14	14	14	13	13	13	13	12	12	13	12	12	12	12	13	13	13
29	13	13	13	13	13	13	13	13	13	14	15	14	14	13	13	13	13	14	28	54	48	26	16	16	18
30	15	15	15	15	15	15	15	14	14	15	15	14	14	14	13	13	13	13	13	13	14	14	14	14	14
31	14	14	15	14	14	14	14	14	14	14	14	13	13	13	13	13	14	15	15	15	15	15	15	16	14
MEAN	14	14	14	14	13	14	14	14	14	14	14	14	14	13	13	13	13	13	14	15	15	14	14	14	14

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	15	15	18	17	17	16	16	16	15	14	14	14	14	14	22	35	31	26	32	38	28	20
2	21	18	16	16	15	15	15	17	19	17	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17
3	16	15	15	15	15	16	17	16	19	17	16	16	16	DATA MISSING	18	20	23	28	23	22	19	18	15	15	18
4	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
5	13	13	13	13	13	13	13	13	13	13	13	14	14	13	14	15	15	15	15	15	16	16	16	16	14
6	16	16	15	15	15	14	15	15	17	19	19	16	15	15	15	15	14	14	15	14	15	15	16	17	16
7	15	14	14	14	15	14	16	17	17	22	17	15	14	14	14	14	14	15	17	18	17	15	15	15	16
8	15	15	15	15	15	14	14	16	15	16	16	15	15	15	15	16	15	16	16	16	16	16	16	16	15
9	14	15	16	16	16	16	16	16	16	17	16	15	15	15	14	14	15	14	14	14	18	20	20	20	16
10	19	21	22	19	20	20	21	22	33	39	27	17	16	16	16	16	16	17	31	26	18	17	17	19	21
11	19	22	31	29	19	19	23	22	24	23	21	20	16	16	16	17	17	16	17	19	21	21	19	18	20
12	17	16	16	16	16	16	16	18	19	20	21	21	22	23	23	24	26	24	28	32	31	33	47	36	23
13	34	38	33	34	32	35	27	28	26	21	20	19	18	17	17	17	16	16	15	15	15	15	14	14	22
14	14	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	15	15	16	17	16	17	17	15
15	17	17	17	17	17	18	19	21	18	16	15	15	15	14	14	14	14	14	14	14	14	14	14	14	16
16	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	16	17	17	19	23	21	19	29	17	17
17	24	21	24	25	24	24	19	19	19	18	18	19	15	15	16	16	17	19	28	19	21	22	25	30	17
18																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
19																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
20																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
21																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
22																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
23																DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
24	19	20	15	18	21	18	17	17	19	17	16	15	14	15	15	15	15	15	15	15	14	15	15	15	16
25	15	19	17	16	17	18	18	19	23	23	DATA MISSING	23	23	21	17	17	17	17	19	19	17	16	16	17	18
26	16	16	15	15	15	15	15	15	15	15	15	14	14	14	15	14	14	14	14	15	15	15	15	15	15
27	15	15	15	15	15	15	15	15	16	17	17	16	16	16	16	17	17	18	18	17	18	16	16	15	16
28	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	16	19	19	17	19	23	21	19	29	17
29	40	21	19	20	17	16	15	15	14	15	15	15	16	16	16	18	18	22	23	20	17	17	17	17	18
MEAN	18	18	17	17	17	17	17	17	18	18	17	16	16	16	16	16	16	17	19	18	18	18	19	19	17

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION												
STATION - ELMCREST ROAD, ETOBICOKE													NO 35003												
MONTH MAR 72													MONTH MAR 72												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	36	61	27	23	26	23	19	19	19	21	19	21	17	17	17	18	18	17	17	17	16	16	22
2	16	16	16	16	16	16	17	15	15	15	15	15	15	59	15	15	15	16	16	16	16	16	16	16	17
3	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	18	17	17	17	17	17	17	17	18	17
4	24	38	27	21	24	21	21	20	21	31	19	20	20	20	20	20	20	20	20	20	20	20	20	20	22
5	17	17	17	17	17	17	17	17	17	17	17	17	16	17	17	17	17	17	17	17	16	16	16	16	17
6	16	16	16	16	16	16	16	16	19	19	19	19	19	19	13	13	13	13	13	15	16	16	14	15	16
7	15	15	15	14	14	14	26	17	19	15	14	14	12	12	12	12	12	12	12	11	12	12	12	12	14
8	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11	12	13	12	12
9	13	12	12	12	12	13	16	16	15	13	13	12	12	13	13	13	14	14	15	16	14	15	15	16	14
10	18	19	17	16	16	16	14	14	14	14	14	14	13	13	14	13	13	13	14	16	16	16	16	17	15
11	21	21	25	22	22	23	26	26	17	16	17	17	17	17	18	18	18	18	20	21	24	27	29	26	21
12	26	28	26	23	20	18	17	17	16	16	17	16	16	16	16	16	16	16	16	16	16	17	17	18	19
13	19	18	16	16	16	16	17	18	19	18	18	18	18	18	19	19	19	19	19	19	18	18	18	17	18
14	18	18	18	17	17	17	18	19	19	19	19	19	19	19	19	20	21	21	20	18	17	17	18	17	19
15	17	17	17	17	17	17	17	20	21	19	20	20	21	19	18	18	18	19	19	19	18	18	18	18	18
16	18	18	18	18	18	18	20	21	21	21	21	21	21	21	21	21	22	30	37	26	22	27	26	22	22
17	19	19	19	19	20	29	19	20	20	23	23	18	17	16	16	16	16	16	16	17	18	18	17	15	17
18	16	15	15	15	15	15	16	16	16	16	15	16	16	15	15	15	15	15	15	15	15	15	15	14	15
19	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
20	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
21	22	20	18	18	18	16	16	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	21	25	17
22	24	22	19	15	15	14	16	17	51	19	18	14	13	12	12	12	12	12	12	12	12	12	12	12	17
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24	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14
25	18	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
26	16	16	15	15	14	14	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14
27	14	14	14	14	14	14	14	15	15	15	13	13	13	13	13	13	13	13	13	13	14	16	16	15	14
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29	18	19	21	17	16	16	16	16	17	20	21	20	13	13	13	13	13	13	13	13	13	13	13	13	13
30	15	15	13	13	13	13	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13
31	15	14	14	14	16	17	16	15	14	14	15	14	14	14	14	15	15	15	15	15	15	15	15	15	15
MEAN	17	17	17	18	16	16	17	17	18	17	17	16	16	17	16	16	16	16	16	16	16	17	17	17	17

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION													
STATION - ELMCREST ROAD, ETOBICOKE												NO 35003													
MONTH APR 72																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	19	24	20	17	16	16	16	16	16	16	17	17	17	17	15	15	15	14	13	13	13	13	13	16
2	13	14	13	13	13	13	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13
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4	18	19	18	18	18	19	21	22	22	20	17	17	16	15	15	15	15	15	15	16	17	18	19	21	18
5	23	22	21	19	19	19	19	19	19	18	17	16	14	13	13	12	12	12	12	13	11	11	11	12	16
6	12	12	12	13	15	13	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	14	13
7	14	14	18	18	17	16	16	16	16	15	15	14	14	14	13	13	13	13	13	13	13	13	13	14	13
8	14	14	14	15	15	16	16	16	16	16	15	15	14	14	14	14	14	14	15	17	14	14	15	15	15
9	14	14	14	14	14	16	17	15	14	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	13
10	14	18	16	17	16	15	14	14	14	14	14	15	15	15	15	16	16	17	20	20	21	22	23	21	17
11	19	17	17	26	29	24	27	30	20	16	14	14	14	14	13	14	15	15	15	16	18	19	18	24	19
12	24	18	17	25	16	20	17	17	19	19	19	16	15	16	16	16	17	18	20	19	16	16	16	16	18
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14	14	15	15	15	15	15	16	17	17	17	16	16	15	15	15	15	15	15	16	18	17	16	16	16	16
15	16	16	16	16	16	16	16	17	21	25	18	17	17	18	17	15	15	15	15	17	25	26	26	21	18
16	20	23	25	23	24	18	19	19	20	18	19	19	19	17	17	17	17	17	17	17	17	17	17	17	19
17	17	17	17	17	17	17	16	16	15	14	14	14	14	13	13	12	12	12	12	13	14	16	20	18	15
18	30	40	28	30	35	42	26	22	22	17	14	15	16	15	14	12	11	11	11	11	12	12	13	53	21
19	32	24	20	22	17	16	17	17	17	16	17	21	21	20	17	16	15	15	15	15	15	14	14	14	18
20	15	14	14	15	14	14	14	14	15	14	14	13	13	13	12	12	12	12	12	12	12	14	15	16	14
21	16	15	16	15	15	15	15	15	16	14	14	14	14	14	14	15	16	15	14	15	14	14	14	14	15
22	14	14	14	14	14	14	14	14	14	14	15	15	17	16	16	16	16	16	16	16	15	15	17	17	15
23	17	14	15	14	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13
24	12	14	17	13	14	12	13	14	13	13	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13
25	14	14	14	15	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	17	23	14
26	24	24	21	15	16	15	14	14	13	12	12	13	12	12	12	12	12	12	12	12	12	13	13	13	14
27	15	15	16	17	17	15	15	15	14	15	15	15	14	14	13	14	14	16	24	25	23	17	18	16	16
28	16	16	17	22	21	21	21	16	13	13	12	14	13	13	12	12	12	12	11	13	15	18	16	15	15
29	18	20	18	18	20	21	19	19	18	17	16	15	14	14	14	13	14	13	15	16	37	44	30	19	19
30	34	29	27	26	28	25	27	27	27	26	21	19	17	15	15	15	15	17	21	23	30	36	33	24	24
MEAN	18	18	17	18	18	17	17	17	16	16	15	15	15	14	14	14	14	14	14	15	16	17	17	18	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	29	26	23	25	28	37	28	25	24	23	23	21	21	18	18	20	20	18	16	16	17	23
2	16	17	16	15	16	19	24	26	23	22	20	17	15	16	15	15	16	15	14	14	13	13	15	14	17
3	15	14	14	14	14	14	14	13	12	12	12	11	11	11	11	11	11	11	11	11	11	11	15	16	13
4	16	21	19	15	15	15	16	19	16	15	14	14	15	15	14	15	15	14	15	15	16	16	17	17	16
5	16	18	19	18	18	17	18	18	17	16	16	16	15	***	14	14	13	13	13	16	19	39	23	44	19
6	46	76	39	30	23	18	17	17	16	16	15	14	14	13	12	12	12	13	12	12	12	13	13	12	20
7	13	13	13	13	13	13	14	14	14	15	14	14	14	14	14	15	15	16	19	21	21	27	14	15	15
8	14	14	15	15	14	15	16	16	14	14	14	13	14	14	14	15	15	15	15	15	15	15	15	15	15
9	14	14	17	19	14	14	14	14	14	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13
10	13	13	13	15	16	17	17	16	15	14	14	14	14	14	14	14	14	14	13	15	16	18	19	19	15
11	18	17	16	15	20	21	17	16	15	15	14	14	14	***	12	12	12	12	12	16	16	16	17	15	
12	16	16	16	19	23	24	25	21	16	16	15	14	14	14	14	15	14	15	16	18	24	32	26	22	19
13	31	35	26	28	38	40	43	41	33	21	17	16	16	17	17	18	19	19	18	17	16	17	16	20	24
14	24	27	22	18	18	16	17	17	18	16	15	17	16	16	16	14	14	15	16	16	17	18	17	21	18
15	18	17	19	22	22	20	19	22	23	20	20	18	19	19	20	20	19	18	18	18	19	19	20	23	20
16	24	23	23	21	19	19	20	20	20	20	20	20	19	***	15	14	13	14	14	13	14	13	14	15	18
17	15	18	16	16	14	14	16	17	15	14	13	17	15	13	12	12	12	13	13	14	16	18	25	20	15
18	15	14	19	16	17	25	20	27	29	24	29	18	16	15	16	15	18	16	15	17	18	18	21	22	19
19	24	29	39	29	29	30	25	27	21	17	17	18	***	17	15	13	12	13	15	28	34	27	38	57	25
20	30	23	29	21	24	20	17	16	17	15	14	15	14	13	13	13	13	13	16	17	16	15	16	20	18
21	17	19	20	22	28	30	29	19	16	19	17	13	13	12	13	13	12	12	12	13	13	13	14	14	17
22	14	14	14	16	16	16	16	16	15	15	14	14	13	13	13	13	13	13	15	19	29	34	29	27	17
23	25	28	25	24	19	24	24	22	24	25	18	16	16	14	14	14	14	16	19	30	24	25	23	28	21
24	18	18	22	22	21	20	19	19	19	***	15	15	15	15	16	18	19	20	26	25	24	32	32	37	21
25	38	35	31	27	19	19	19	18	18	18	18	18	18	17	18	18	18	19	20	23	22	20	21	21	21
26	20	21	22	23	26	26	27	26	23	21	19	18	16	22	16	17	17	17	18	23	25	25	28	32	22
27	32	32	27	24	24	26	27	25	21	22	22	20	18	16	15	15	15	16	17	20	20	20	25	29	22
28	28	33	29	27	30	24	24	24	20	24	22	21	19	16	16	15	15	15	16	17	19	25	28	28	22
29	26	53	27	27	28	33	29	27	26	29	25	21	17	16	16	16	17	18	19	19	21	19	22	22	24
30	22	22	22	22	21	19	18	17	17	15	16	19	18	16	16	17	18	20	21	16	15	15	16	16	18
31	15	15	15	15	15	15	15	15	17	16	17	16	16	17	16	16	15	15	15	15	15	15	15	15	15
MEAN	21	24	21	21	21	21	21	20	19	18	17	16	16	15	15	15	15	15	16	17	18	20	20	22	19

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	17	21	20	22	17	17	17	17	17	***	12	11	10	9	8	9	9	12	13	13	14	12	12	20	14	
2	26	20	15	16	17	16	16	19	16	14	12	11	11	10	10	10	11	10	10	11	14	17	22	27	15	
3	30	30	37	21	22	17	13	13	13	14	13	12	12	11	10	8	8	8	9	9	11	15	16	17	15	
4	16	19	10	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	9	9	9	9	9	10	10	
5	9	10	11	13	15	13	12	12	13	11	11	10	11	10	10	10	10	11	11	11	15	19	19	13	12	
6	17	17	14	16	13	12	13	14	12	12	11	11	11	11	10	10	10	10	10	10	11	12	14	18	12	
7	17	17	13	12	14	14	15	13	12	12	11	11	11	11	11	11	11	11	11	11	13	13	12	11	12	
8	11	11	11	13	12	11	11	11	11	11	***	15	14	14	14	14	13	13	14	14	14	16	13	13	13	
9	14	14	14	14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
10	15	15	15	15	17	18	18	18	18	18	18	18	17	17	17	17	17	17	18	17	18	18	18	19	17	
11	20	24	25	21	21	21	22	21	19	18	18	17	17	17	16	16	16	16	16	16	16	16	17	17	18	
12	16	17	17	17	17	18	19	21	20	19	21	21	21	20	19	19	18	21	21	22	21	22	23	23	20	
13	20	17	18	19	21	22	22	21	21	21	32	23	***	***	***	***	***	***	***	***	***	***	***	***	***	
14													- DATA MISSING -													
15													- DATA MISSING -													
16													- DATA MISSING -													
17													- DATA MISSING -													
18													- DATA MISSING -													
19													- DATA MISSING -													
20													- DATA MISSING -													
21													- DATA MISSING -													
22													- DATA MISSING -													
23													- DATA MISSING -													
24													- DATA MISSING -													
25													- DATA MISSING -													
26													- DATA MISSING -													
27													- DATA MISSING -													
28													- DATA MISSING -													
29													- DATA MISSING -													
30	***	***	***	***	***	***	***	***	***	***	***	15	13	12	12	12	12	13	13	15	10	10	10	11	14	***
MEAN	18	18	17	16	16	16	15	16	15	14	15	14	13	13	12	12	12	13	13	13	14	15	15	17	15	

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION												
STATION - ELMCREST ROAD, ETOBICOKE													NO 35003												
MONTH JUL													72												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	20	13	14	15	14	14	14	12	14	11	9	8	8	8	6	7	7	7	11	11	13	11	12	11
2	12	13	13	13	14	13	12	12	11	11	10	9	9	8	8	7	7	8	7	7	9	10	11	13	10
3	13	13	25	20	17	15	14	15	13	13	13	14	15	15	14	14	13	12	13	14	14	15	15	14	15
4	15	15	15	17	17	18	19	20	17	15	14	14	14	13	13	14	13	16	15	16	20	24	22	21	17
5	23	18	17	18	19	20	22	23	22	18	17	16	15	14	14	15	14	14	15	15	16	17	18	19	17
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7	20	22	23	20	21	22	21	20	19	15	15	13	13	13	16	15	15	15	16	20	22	20	21	22	19
8	24	26	26	29	29	29	37	35	25	19	18	19	17	16	16	16	16	16	16	18	21	21	24	22	
9	29	29	27	28	28	28	29	22	20	20	20	19	17	16	17	17	16	16	17	17	17	17	17	17	21
10	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	14
11	18	18	16	19	21	20	19	20	18	15	14	12	12	12	12	13	11	11	11	12	14	14	12	13	15
12	20	19	17	19	20	18	23	22	17	15	13	12	10	7	8	6	5	5	6	6	7	8	8	8	12
13	8	8	8	10	11	12	15	12	13	11	10	11	11	9	10	11	11	11	11	11	11	11	11	11	11
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	22	17	20	20	18	18	19	21	20	25	26	25	22	20	17	16	15	14	11	11	10	9	9	9	17
19	10	17	14	14	16	15	22	19	21	18	17	19	21	24	20	20	20	22	19	18	18	17	16	15	18
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26	15	16	16	16	16	17	18	18	17	17	17	17	10	10	10	10	10	10	11	11	10	12	14	16	14
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29	13	13	16	16	14	13	13	15	13	11	10	10	9	9	9	9	9	8	9	9	12	12	12	15	12
30	19	18	14	14	15	14	14	15	12	12	10	8	8	8	8	7	7	7	7	7	8	9	12	17	11
31	20	15	14	17	16	14	15	17	15	12	14	13	10	9	8	8	7	9	10	10	10	10	10	10	12
MEAN	17	17	17	18	18	18	19	19	17	16	14	14	13	12	12	12	11	12	12	12	13	14	15	16	15
PERCENTAGE OF DATA VALID -													86												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION																				
STATION - ELMCREST ROAD, ETOBICOKE													NO 35003																				
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN								
1	11	11	15	12	23	14	13	15	13	11	11	11	12	11	11	11	11	12	12	13	26	21	23	25	15								
2	16	23	20	25	30	13	12	14	14	14	14	16	16	15	15	15	17	14	12	11	11	12	12	13	16								
3	14	15	14	12	12	12	12	13	13	12	12	12	12	13	12	14	14	15	15	15	17	17	15	17	14								
4	18	18	19	18	16	17	18	17	15	15	15	16	15	15	15	15	15	16	16	17	19	18	17	17	17								
5	19	18	26	30	24	21	21	24	19	16	17	17	16	16	16	15	15	15	17	20	22	18	16	16	19								
6	16	18	19	19	19	19	19	28	16	17	20	18	18	16	15	15	15	15	15	15	15	15	15	14	17								
7	15	15	17	19	19	19	21	20	16	16	14	13	14	13	16	16	17	17	15	14	14	13	13	13	16								
8	12	13	13	14	14	14	14	16	16	15	15	14	13	13	16	14	13	15	13	13	13	13	14	13	14								
9	12	12	13	13	14	14	13	12	12	11	11	11	12	12	12	12	12	12	12	12	12	13	13	14	12								
10	14	14	13	13	14	14	17	15	14	13	13	12	12	12	12	12	12	12	12	12	14	16	18	17	14								
11	18	17	16	15	17	17	18	21	21	21	15	12	14	13	12	13	14	15	15	13	15	15	13	13	16								
12	14	15	17	22	22	18	18	18	17	14	14	14	13	12	11	11	11	11	11	12	13	12	13	13	14								
13	13	14	14	13	16	15	14	16	14	13	14	12	12	12	12	12	12	12	13	14	15	15	15	16	14								
14	16	16	14	12	12	12	13	13	14	14	13	13	11	11	11	11	12	12	12	11	11	11	11	11	12								
15	12	12	15	23	21	18	18	17	15	12	10	10	10	10	10	10	10	10	10	12	21	18	20	21	14								
16	23	19	21	21	21	23	29	23	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13								
17																																	
18																																	
19																																	
20																																	
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23																																	
24																																	
25																																	
26																																	
27																																	
28																																	
29																																	
30																																	
31																																	
MEAN	15	16	17	18	18	16	17	18	15	14	14	13	13	13	13	13	13	14	13	14	16	15	15	16	15								
PERCENTAGE OF DATA VALID -					49																												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6	19	16	17	17	20	21	25	26	23	20	15	13	13	12	12	13	12	12	13	14	16	22	25	24	18
7	24	24	25	27	25	25	27	31	25	18	15	14	14	12	12	12	12	12	13	14	14	15	14	15	18
8	18	22	23	20	19	19	19	24	26	22	19	17	17	16	14	13	12	12	12	12	13	15	14	13	17
9	13	13	14	15	15	15	16	16	16	15	14	14	13	12	13	13	13	13	14	17	16	18	20	17	15
10	21	18	16	17	17	16	17	19	19	15	14	13	13	13	13	13	13	14	16	17	18	20	21	20	16
11	20	18	18	23	24	20	21	23	19	16	15	14	13	11	12	12	13	14	15	15	16	16	16	16	17
12	17	16	17	16	16	16	17	18	18	17	18	20	19	16	13	14	16	17	20	23	24	21	22	28	18
13	30	26	25	21	19	19	21	24	24	21	20	21	22	22	17	14	14	13	13	14	16	17	15	14	19
14	15	13	15	22	16	14	14	14	14	15	16	17	16	15											
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26	22	22	22	20	19	19	20	20	21	23	24	24	21	20	19	20	20	20	22	25	27	33	22	22	
27	22	21	21	20	21	20	21	24	23	22	22														
28																									
29	25	26	25	30	25	20	19	19	18	16	16	14		35	29	23	23	22	19	18	19	19	22	22	
30	17	18	14	14	13	15	19	17	16	15	15	15	16	15	15	15	15	14	16	16	17	19	21	19	16
MEAN	20	19	19	20	19	18	20	21	20	18	18	17	16	16	15	14	15	15	16	16	17	18	19	19	18

PERCENTAGE OF DATA VALID - 44

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	21	20	19	19	19	18	17	16	15	15	15	15	15	15	15	15	16	17	18	19	20	17
2	19	18	18	19	19	20	23	25	23	19	18	17	17	17	16	16	18	21	24	26	26	26	24	21	20
3	20	25	24	25	32	29	24	29	40	41	34	26	30	26	25	23	21	21	23	26	26	28	31	34	28
4	28	26	25	27	32	40	39	47	38	21	19	19	18	18	18	20	21	20	21	21	20	19	19	19	25
5	18	18	17	17	19	20	24	26	23	20	19	19	18	17	17	18	19	21	21	20	20	21	25	33	20
6	28	28	28	26	26	30	33	37	38	35	37	25	22	19	19	20	30	35	34	27	25	25	18	18	28
7	22	22	22	23	22	20	22	22	22	22	22	23	21	19	21	21	22	25	21	28	20	20	18	18	22
8	17	17	17	17	18	18	18	19	19	18	17	17	15	15	15	15	15	15	16	18	18	18	18	18	17
9	17	17	16	17	17	17	17	18	18	18	18	18	16	17	17	18	18	18	18	19	19	20	20	21	18
10	19	23	24	24	25	30	33	36	29	19	17	14	14	14	13	15	15	15	15	15	17	17	18	18	20
11	16	21	22	21	21	21	23	25	28	16	14	14	15	15	15	15	17	15	14	14	15	15	15	15	18
12	13	14	15	15	16	16	15	15	15	14	15														
13	16	16	16	18	25	31	36	30	23	20	18	17													
14	17	17	17	16	16	16	16	16	16	16	16	16	16	15	14	14	14	15	15	15	15	15	16	17	16
15	17	16	16	16	16	17	20	22	18	17	16	15	15	15	15	15	15	15	16	16	16	16	15	15	16
16	16	15	15	16	16	16	15	15	15	15	15	15	15	14	13	13	12	12	12	12	11	11	11	11	14
17	12	12	12	13	14	14	15	15	14	14	14	14	14	14	14	14	14	15	15	15	17	16	17	17	14
18	15	15	16	16	17	16	18	20	18	15	14	14	14	14	14	17	15	15	16	19	21	16	17	15	16
19	15	16	25	19	25	25	22	22	20	16	15	14	14	14	15	15	17	19	31	23	21	19	21	30	20
20	26	23	28	26	18	17	17	16	17	15															
21	16	34	25	34	23	21	25	28	21	15	15	16	16	15	15	15	16	16	16	14	14	15	15	15	19
22	15	15	14	15	17	17	17	17	17	16	21	15	17	17	16	17	17	16	16	16	17	17	16	16	16
23	15	15	14	14	14	15	17	17	18	19	19	20	22	19	13	15	16	15	15	16	16	17	16	15	16
24	15	15	14	14	14	14	13	14	14	14	14														
25	16	18	20	17	17	16	16	16	17	15	15	15	15	15	15	15	18	17	18	20	17	17	17	17	17
26	17	17	17	17	17	22	27	28	22	17	16	16	16	16	16	16	16	15	15	17	17	17	17	19	18
27	22	25	25	25	26	27	28	39	32	30	31	21	22	19	19	20	23	23	23	25	39	28	22	31	26
28	28	26	27	24	22	20	22	25	23	21	21	19	20	19	19	26	21	19	23	24	27	30	22	18	23
29	23	23	23	19	18	18	16	17	17	18	17	17	17	17	16	17	17	16	16	17	16	17	16	18	18
30	18	19	18	18	18	19	18	18	18	18	18	18	18	16	16	16	16	17	20	21	30	28	24	27	20
31	20	24	26	21	33	23	21	23	24	21	20	18	17	17	17	17	17	17	17	17	17	17	16	16	20
MEAN	19	20	20	20	20	21	22	23	22	19	19	17	17	17	16	17	17	18	19	19	19	19	18	19	19

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION													
STATION - ELMCREST ROAD, ETOBICOKE													NO 35003													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	16	16	16	17	17	17	18	20	20	17	17	17	17	16	18	18	19	19	19	21	21	40	23	19		
2	19	19	20	19	23	21	21	22	24	24	21	19	21	21	23	24	23	23	25	27	27	22	20	18	22	
3	16	16	16	16	16	16	16	16	15	16	15	15	16	18	16	16	16	16	16	16	16	16	16	16	16	
4														- DATA MISSING -												
5														- DATA MISSING -												
6														- DATA MISSING -												
7																										
8	12	11	12	14	19	17	13	14	13	13	13	13	14	14	14	14	14	13	13	14	14	13	12	13	14	
9	14	13	13	14	13	13	12	13	13	11	12	11	12	14	17	13	11	14	13	12	12	11	12	11	13	
10	11	11	11	11	12	13	13	11	11	12	12	12	12	14	14	14	14	14	15	15	14	14	14	13	13	
11														- DATA MISSING -												
12														- DATA MISSING -												
13														- DATA MISSING -												
14																										
15	16	17	15	19	16	16	17	17	17	17	16	16	18	17	18	18	18	17	13	13	14	14	14	17	16	
16	18	15	15	14	13	13	14	14	16	19	13	12	14	13	14	15	17	19	19	19	34	58	57	29	20	
17	47	58	53	37	31	28	25	21	30	31	26	23	22	18	15	14	16	18	19	17	15	14	14	13	25	
18	13	14	13	14	13	14	14	13	14	14	15	15	14	13	13	12	12	13	14	16	17	21	21	20	15	
19	20	20	25	25	24	18	15	14	15	15	15	15	15	14	13	14	14	13	14	15	16	15	15	13	16	
20	13	12	13	13	13	14	16	17	16	13	14	15	14	16	15	15	15	15	15	15	15	15	15	15	15	
21														- DATA MISSING -												
22														- DATA MISSING -												
23	31	26	24	23	23	23	23	24	24	23	22	22	22	22	22	22	27	31	42	25	26	28	27	25	23	
24	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	21	20	20	21	23	24	25	21	
25	27	26	27	32	103	69	26	28	27	23	22	25	33	26	21	21	23	22	22	22	20	20	19	18	29	
26	16	18	18	19	19	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	
27	19	19	19	19	19	19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	18	19	
28														- DATA MISSING -												
29														- DATA MISSING -												
30																										
MEAN	19	20	19	19	23	21	18	18	18	18	17	18	18	18	17	17	18	18	19	18	19	20	21	18	19	
PERCENTAGE OF DATA VALID -													58													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION												
STATION - ELMCREST ROAD, ETOBICOKE													NO 35003												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	21	21	20	20	21	21	20	20	19	19	18	19	19	19	19	19	19	19	20	23	21	22	23	20
2	22	22	24	21	21	21	22	24	22	23	20	19	19	19	19	19	22	23	22	21	21	30	40	36	23
3	31	24	23	24	23	21	20	21	21	20	20	21	21	21	21	20	22	25	31	36	28	33	22	21	24
4	21	21	21	21	21	21	22	22	23	23	23	23	22	23	23	23	23	23	23	23	23	23	23	23	22
5	22	22	22	23	26	26	26	28	29	27	27	30	31	30	35	37	37	30	36	36	38	30	24	24	29
6	24	24	22	23	26	24	24	23	21	19	19	19	19	19	19	20	20	20	20	20	20	20	20	20	21
7	21	21	21	22	22	22	22	22	22	22	20	19	21	20	19	19	19	19	57	42	31	26	38	39	25
8	31	31	43	45	37	25	22	22	23	22	21	23	DATA MISSING												
9														DATA MISSING											
10														DATA MISSING											
11														DATA MISSING											
12														DATA MISSING											
13														DATA MISSING											
14														DATA MISSING											
15														DATA MISSING											
16														DATA MISSING											
17														DATA MISSING											
18														DATA MISSING											
19														DATA MISSING											
20	23	25	34	26	24	21	21	23	24	23	23	24	24	24	24	24	25	25	23	23	23	23	23	23	24
21	23	23	23	23	23	22	23	25	28	30	28	28	28	26	26	26	26	28	28	30	39	35	31	33	27
22	31	32	31	30	38	40	31	34	29	28	29	32	35	32	34	27	25	24	26	29	26	25	31	41	31
23	49	35	27	28	38	30	25	30	36	30	34	47	44	31	28	28	30	30	29	30	32	32	33	33	33
24	33	52	34	27	26	28	29	29	29	25	22	22	22	23	25	32	34	29	36	30	31	39	42	42	31
25	47	30	32	36	43	33	27	26	26	26	33	36	46	28	29	27	26	25	24	24	24	23	23	23	30
26	24	23	23	22	21	21	21	22	22	23	21	21	21	21	21	22	22	22	21	21	21	21	22	21	22
27	21	21	21	21	21	21	22	22	22	20	20	21	21	20	20	20	20	20	21	22	22	22	21	21	21
28	21	21	21	21	21	22	22	23	23	23	22	22	21	21	21	23	23	24	23	23	23	23	23	24	22
29	23	23	24	24	23	24	23	25	25	25	25	25	25	25	25	25	25	23	24	25	24	23	22	23	24
30	23	23	23	23	23	23	23	23	23	24	25	25	25	25	25	25	25	24	24	24	24	23	23	23	24
31	23	22	22	23	23	23	23	24	24	23	29	32	34	29	29	28	22	21	21	21	21	21	21	22	24
MEAN	27	26	26	25	26	24	24	24	25	24	24	25	26	24	24	24	24	24	27	26	26	26	26	27	25
PERCENTAGE OF DATA VALID -		64																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	14	18	54
FEB	24	17	23	47
MAR	31	17	22	61
APR	30	16	24	53
MAY	31	19	25	76
JUN	14	15	20	37
JUL	28	15	22	37
AUG	16	15	19	30
SEP	16	18	22	35
OCT	31	19	28	47
NOV	21	19	29	103
DEC	21	25	33	57
YEAR	285	17	33	103

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	10	487	7	2	0	0	0	0	506
FEB	0	455	73	20	0	0	0	0	548
MAR	0	602	93	6	1	0	0	0	702
APR	0	623	82	10	0	0	0	0	715
MAY	0	513	192	30	1	0	0	0	736
JUN	54	213	41	2	0	0	0	0	310
JUL	118	422	100	2	0	0	0	0	642
AUG	9	321	38	0	0	0	0	0	368
SEP	0	216	103	3	0	0	0	0	322
OCT	0	506	201	32	0	0	0	0	739
NOV	0	280	127	15	1	1	0	0	424
DEC	0	26	380	73	0	0	0	0	479
YEAR	191	4664	1437	195	3	1	0	0	6491

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
73	5	11.6	13.6	15.5	18.1	23.5	27.4	32.8	37.4	103	17.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	16	14	13	12	12	9	9	9	9	9	9	10	10	10	10	10	13	9	12	14	11	11	11
2	8	10	10	8	9	9	6	8	8	7	9	9	8	8	8	9	9	6	6	6	8	7	8	8	8
3	5	5	5	6	6	8	7	10	13	9	9	9	7	7	7	7	15	14	12	13	12	13	13	13	10
4	13	12	11	10	10	11	13	17	18	17	16	13	13	15	14	13	14	12	11	11	10	11	10	10	13
5	9	9	9	10	11	11	14	16	15	15	14	14	13	14	13	14	20	22	24	25	22	21	18	21	16
6	16	20	21	20	14	13	14	17	15	15	16	14	13	14	13	14	20	22	24	25	22	21	18	21	16
7																									
8																									
9																									
10																									
11	37	30	26	19	17	18	18	19	19	19	17	17	19	19	21	23	26	25	24	25	29	31	26	24	23
12	25	21	20	20	22	21	23	26	25	22	22	23	21	22	23	26	24	22	21	21	20	21	22	22	22
13	21	21	22	24	24	23	22	30	25	28	28	23	20	20	20	20	20	21	20	20	18	19	20	20	22
14	20	23	24	25	26	26	28	31	30	26	24	20	17	15	18	18	18	17	17	18	17	17	18	17	21
15	17	18	18	18	18	18	18	19	18	18	18	18	17	18	18	18	18	18	19	18	18	18	17	17	18
16	18	19	19	18	18	19	19	19	19	19	19	18	18	18	18	18	18	18	19	18	18	18	17	17	18
17	18	19	17	17	18	16	17	18	16	16	20	18	17	18	18	18	18	18	18	18	18	19	19	18	18
18	12	12	14	13	13	12	12	15	13	10	10	12	14	14	14	14	14	15	15	14	14	15	14	14	17
19	10	10	10	10	10	10	11	14	13	12	13	12	14	14	14	14	14	15	15	15	13	13	13	12	13
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	16	16	16	15	15	15	16	18	17	16	16	15	15	15	16	18	18	18	17	17	17	17	17	18	16

PERCENTAGE OF DATA VALID - 45

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	15	19	19	19	19	19	19	19	19	19	20	19	19	19	19	19	20	20	19	19	19	19	20	20	19
6	20	20	21	20	20	19	20	20	20	20	22	21	21	21	21	21	21	20	19	19	19	20	19	20	20
7	19	19	18	19	19	20	22	25	31	31	26	23	22	22	22	22	22	21	21	21	20	17	17	16	21
8	16	16	16	15	15	16	16	16	17	18	17	17	17	17	17	16	17	17	17	17	17	17	17	17	17
9	17	17	16	16	17	17	16	17	19	20	19	18	18	17	17	17	24	24	23	22	21	22	21	22	19
10	24	23	23	24	24	22	22	24	30	37	35	26	22	20	20	19	19	20	20	20	20	20	21	20	23
11	19	18	18	18	19	19	21	23	26	26	24	23	21	20	20	20	21	21	22	23	23	23	24	24	22
12	23	22	22	21	21	21	21	22	24	25	25	24	24	24	24	24	24	24	26	28	28	26	26	36	24
13	39	37	35	35	37	39	39	36	34	32	26	24	24	24	24	24	24	23	23	22	21	20	21	21	28
14	20	20	20	20	20	21	22	22	23	23	22	22	22	22	22	33	26	23	24	23	24	24	19	18	22
15	18	18	18	19	19	21	22	24	23	22	22	22	19	18	18	18	19	19	19	19	18	18	17	17	20
16	17	17	17	17	16	17	17	17	19	19	18	17	18	19	19	19	19	19	19	22	24	24	22	22	19
17	23	26	23	20	18	17	17	18	19	18	18	18	19	19	18	18	18	18	18	18	18	17	17	18	19
18	18	18	19	18	17	17	18	20	22	21	20	21	20	20	26	26	33	28	23	22	21	19	18	18	21
19	19	19	19	20	19	18	18	19	19	19	19	19	18	18	18	18	18	17	16	17	17	16	16	16	18
20	16	16	16	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	17	17	17	18	18	18	16
21	18	18	19	20	18	17	16	17	19	22	24	24	23	22	22	22	22	32	31	28	26	23	19	18	22
22	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
23	19	19	19	21	21	20	22	24	23	18	17	17	26	32	24	22	18	19	18	19	19	18	18	22	21
24	22	23	25	23	22	22	25	27	30	27	23	21	22	22	23	22	23	23	21	20	19	19	20	20	23
25	19	19	18	18	19	19	24	32	43	39	34	30	25	21	21	22	22	20	20	19	19	18	18	18	23
26	18	18	18	18	17	18	18	19	18	19	19	19	18	19	19	19	19	19	19	19	19	19	19	19	19
27	19	19	19	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
28	17	17	17	17	17	17	18	21	21	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
29	15	15	15	17	17	17	15	15	16	15	14	14	15	15	16	17	18	18	17	17	17	15	15	14	17
MEAN	20	20	20	19	19	19	20	21	23	23	22	21	20	20	20	20	21	21	20	20	20	19	19	19	20

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	16	18	20	31	33	36	32	27	23	21	19	17	16	14	14	15	14	13	12	11	12	11	11	19
2	12	11	11	11	12	12	13	15	16	14	13	12	12	12	12	13	14	14	13	13	12	12	13	13	13
3	12	11	11	11	11	11	11	14	14	13	12	12	12	12	12	12	13	14	14	13	14	13	13	13	12
4	15	15	16	14	14	15	15	14	15	13	14	13	11	11	11	11	11	11	11	11	12	11	12	13	13
5	16	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	11	11	11	11	11	11
6	11	11	10	10	10	10	11	14	14	13	12	12	12	12	12	12	12	13	13	12	13	11	12	11	12
7	11	11	11	11	11	11	15	21	19	13	12	12	13	12	12	12	13	13	13	14	13	12	12	10	13
8	10	10	9	9	9	9	9	11	10	10	9	10	10	10	10	10	10	10	10	10	10	17	10	10	10
9	10	10	10	9	9	10	13	16	13	11	10	12	11	11	12	12	13	12	11	12	13	13	13	13	12
10	15	13	14	14	13	17	12	15	15	12	11	11	10	11	10	12	12	13	12	12	12	12	13	15	13
11	16	17	15	9	14	13	9	11	11	11	11	11	11	13	13	11	11	11	12	13	16	15	24	26	14
12	24	22	18	17	18	15	14	14	13	12	12	12	13	13	13	13	14	13	14	15	14	14	17	18	15
13	18	12	10	9	9	10	11	12	12	11	11	11	11	11	11	18	15	14	13	13	12	12	12	12	12
14	12	12	12	12	12	12	13	15	14	15	15	16	15	15	14	16	21	18	17	15	14	14	14	14	14
15	13	13	13	13	13	13	13	17	20	17	19	18	17	16	16	15	16	16	14	16	15	14	13	13	15
16	14	14	14	14	14	14	15	17	18	17	16	17	17	17	21	22	24	23	24	25	23	19	19	20	18
17	21	20	21	20	25	22	23	29	30	27	21	18	16	15	16	17	17	16	16	19	17	15	16	14	20
18	14	13	13	12	12	11	11	11	19	11	11	11	11	11	11	11	12	12	13	13	13	13	13	13	12
19	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	13	12	12	13
20	12	13	15	15	11	15	19	14	14	11	13	13	13	12	16	15	16	14	13	13	11	11	12	13	14
21	15	13	11	11	11	11	11	13	12	11	12	12	11	10	10	10	11	10	10	10	10	10	10	10	11
22	15	13	11	11	11	11	11	13	12	11	12	12	11	10	10	10	11	10	10	10	10	10	10	10	11
23	8	9	10	8	7	7	8	8	8	8	8	8	8	7	7	7	8	7	7	7	7	7	8	9	8
24	8	8	8	6	6	6	7	7	7	6	6	6	6	6	6	6	13	13	13	14	14	13	15	15	10
25	14	13	14	15	15	15	15	14	14	14	13	13	13	13	13	13	13	14	14	16	15	15	15	15	14
26	14	14	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
27	13	13	13	13	13	13	15	20	16	14	13	13	13	13	13	13	14	14	15	16	15	14	14	15	14
28	13	13	13	13	12	12	13	15	17	15	15	15	13	14	15	16	16	16	16	15	16	17	16	17	18
29	17	17	21	17	19	26	17	20	23	24	20	17	17	17	17	17	17	15	15	14	14	14	14	15	18
30	14	16	15	14	14	15	15	15	15	15	14	16	15	15	15	15	15	15	14	14	15	15	17	17	15
31	18	17	16	15	16	17	17	15	17	14	14	15	15	15	15	15	15	16	16	15	15	15	15	15	16
MEAN	14	13	13	13	13	14	14	15	15	14	13	13	13	12	13	13	14	14	13	14	13	13	14	14	14

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	15	15	16	20	17	18	17	15	16	15	15	15	17	17	17	16	16	15	15	15	14	14	13	13	16	
2	13	13	14	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	14	14	14	14	
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4	16	16	16	16	15	17	19	24	23	19	17	15	15	17	17	17	9	9	9	9	9	10	10	12	10	
5	13	13	11	10	9	8	9	10	10	9	8	9	9	9	9	9	10	10	10	10	11	13	11	12	10	
6	11	11	11	11	10	10	13	13	12	13	13	12	13	12	13	12	11	9	9	9	9	9	9	9	12	
7	13	13	13	13	13	13	13	13	14	13	13	13	13	13	13	13	13	13	13	13	13	14	14	13	13	
8	13	13	13	13	13	13	13	14	13	13	13	13	13	13	13	13	13	13	13	14	15	15	14	15	13	
9	15	15	15	16	16	15	14	14	14	13	13	13	13	13	13	13	13	13	14	15	15	15	16	15	14	
10	16	16	17	15	16	15	15	17	18	15	17	15	14	16	16	17	20	22	21	22	22	19	17	17	17	
11	14	14	13	14	16	17	23	29	24	17	15	17	16	15	15	13	15	15	16	17	17	17	20	19	17	
12	16	18	17	17	15	17	19	19	17	15	15	16	16	17	17	17	17	15	16	14	13	13	12	12	16	
13	12	12	12	12	12	12	12	13	14	17	21	24	15	14	13	14	14	14	14	13	12	12	12	12	14	
14	11	11	11	11	11	11	13	14	15	14	15	14	13	13	14	15	16	16	13	14	14	14	13	13	13	
15	12	12	12	13	13	13	14	15	16	17	16	16	17	17	15	14	13	13	14	17	21	30	34	35	17	
16	22	19	19	17	16	19	16	14	13	13	15	14	13	13	13	13	13	13	13	13	13	13	13	13	15	
17	12	12	12	13	15	15	14	14	14	12	13	13	14	14	14	14	15	15	15	15	17	20	29	22	15	
18	26	33	31	35	28	19	18	21	24	24	23	26	24	29	26	25	19	19	19	24	22	21	28	32	25	
19	24	40	24	22	23	22	22	24	28	23	26	23	22	24	24	22	28	22	20	19	18	17	16	15	23	
20	15	15	15	14	14	14	15	18	19	17	16	16	16	17	17	17	17	17	18	20	18	17	22	22	17	
21	27	20	16	17	17	17	17	19	18	17	17	17	16	16	17	17	17	18	16	16	15	15	15	15	17	
22	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	
23	15	15	15	15	15	15	15	15	15	15	15	15	14	14	15	15	15	15	15	15	15	15	15	15	15	
24	14	14	14	15	16	15	16	19	18	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
25	14	15	15	15	15	15	15	17	17	16	16	16	15	15	15	13	13	14	15	15	14	15	18	18	15	
26	16	16	17	16	16	18	18	16	15	14	14	14	14	14	15	16	16	16	16	16	14	14	15	15	15	
27	13	13	15	17	22	18	15	16	17	17	17	16	14	14	15	15	15	15	15	17	22	20	24	21	17	
28	16	21	27	16	15	16	18	22	21	20	18	17	16	16	16	17	17	18	18	23	25	19	26	22	19	
29	19	18	19	17	16	16	16	17	16	17	17	17	17	17	17	17	17	16	17	17	18	23	24	30	18	
30	36	38	43	35	30	29	29	28	19	18	17	17	17	17	17	18	19	22	24	23	24	32	30	25	21	25
MEAN	16	17	17	16	16	16	16	17	17	16	16	16	15	16	15	15	16	15	16	17	17	17	18	18	16	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - TOTAL HYDROCARBONS												UNITS - PARTS PER TEN MILLION												
	STATION - EVANS/ARNOLD ETOBICOKE OAMST												NO 35033												
	MONTH MAY 72																								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	31	32	41	45	28	32	34	30	26	25	24	29	21	***	23	24	24	26	26	22	20	19	19	27
2	21	21	19	19	20	20	24	31	39	32	36	28	25	24	24	24	24	23	22	21	20	20	21	19	24
3	18	18	20	21	25	24	23	23	22	21	22	19	18	20	20	20	20	20	20	20	20	20	20	21	21
4	23	24	27	19	18	17	22	26	23	20	***	***	18	19	19	19	20	19	18	17	16	18	17	18	20
5	17	18	16	16	17	18	21	21	18	18	18	18	20	20	19	19	20	21	22	25	28	33	32	28	21
6	28	25	35	24	22	21	20	22	22	27	20	18	17	19	18	19	20	21	22	22	21	20	20	19	22
7	18	18	17	17	17	16	16	16	17	17	17	17	18	18	18	19	18	19	19	20	23	26	24	20	19
8	18	18	18	18	18	19	21	22	20	19	19	18	18	19	18	19	19	18	18	19	19	18	18	18	19
9	17	18	19	19	18	18	19	19	19	19	19	20	19	22	22	24	24	21	20	19	19	19	19	19	20
10	17	17	17	17	16	17	19	19	17	17	18	18	18	19	19	20	20	21	21	25	32	27	34	32	21
11	31	24	26	28	31	34	24	24	21	20	20	20	21	23	23	23	23	23	23	23	22	22	23	24	24
12	22	23	22	19	24	22	26	27	25	23	22	22	23	23	24	27	26	24	25	25	28	28	34	31	25
13	31	37	28	24	22	26	41	43	27	28	26	24	25	25	27	27	27	26	25	24	23	23	24	26	27
14	32	27	25	23	22	22	21	21	20	21	21	21	21	22	22	22	26	25	25	24	24	24	24	23	23
15	22	24	26	24	24	23	26	27	25	24	26	26	26	27	27	29	29	27	24	24	24	24	26	28	26
16	29	31	29	33	29	26	25	25	26	28	30	30	27	***	21	24	22	19	19	22	20	25	24	24	26
17	21	21	23	27	21	22	26	28	28	24	26	35	25	25	25	26	26	24	29	28	36	40	35	23	27
18	24	23	21	22	25	31	35	24	25	24	26	25	26	25	39	31	26	25	24	27	33	38	30	33	28
19	30	33	34	41	38	36	35	32	22	19	17	18	19	21	26	23	23	23	26	34	33	37	30	30	28
20	37	37	32	27	24	22	25	26	20	21	22	22	22	22	22	22	22	22	22	23	22	23	26	33	25
21	29	25	21	21	20	18	21	26	24	28	33	28	24	23	23	23	25	26	28	26	25	24	22	21	24
22	21	20	20	24	21	19	19	18	18	19	20	22	22	24	24	24	24	23	24	25	27	33	42	37	24
23	30	28	27	25	28	26	30	35	38	44	35	26	22	19	20	21	24	23	26	33	48	45	32	26	30
24	31	39	40	35	23	25	26	28	30	32	34	35	31	25	22	22	22	21	22	30	26	35	37	34	29
25	33	33	32	26	21	18	19	20	20	19	18	16	16	16	17	16	17	18	15	15	16	17	17	17	20
26	17	18	18	18	18	19	19	21	20	23	19	16	17	17	19	18	17	16	17	19	22	26	28	30	20
27	30	31	24	18	18	20	23	26	26	19	19	19	17	16	16	16	16	16	16	16	17	19	21	23	28
28	30	33	32	28	25	26	27	26	26	24	19	18	18	17	17	16	16	16	16	16	17	19	22	25	22
29	24	26	39	28	22	28	29	33	36	***	***	27	25	25	24	23	23	22	22	22	22	20	23	22	26
30	24	22	22	19	18	18	18	19	21	20	21	19	21	24	22	31	24	23	22	28	23	22	23	19	22
31	17	19	17	17	17	17	20	22	22	21	23	20	21	22	22	20	***	***	***	***	***	***	***	***	20
MEAN	25	25	25	24	23	22	24	25	24	23	23	22	22	21	22	22	22	22	22	23	24	26	26	25	23

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION													
STATION - EVANS/ARNOLD ETOBICOKE OAMST													NO 35033													
MONTH JUN 72																										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	28	31	29	29	32	32	32	30	32	29	24	22	20	20	20	22	22	22	20	21	22	24	26	26	26	
2	25	27	38	35	35	22	19	19	20	22	25	23	24	22	21	20	20	19	18	19	19	22	26	23	23	
3	30	24	21	17	20	20	19	18	18	18	18	18	19	18	18	17	17	17	17	17	17	17	17	17	19	
4	19	19	19	19	19	21	24	25	22	20	19	19	19	22	24	22	22	26	26	23	25	22	22	22	22	
5	21	21	22	20	21	19	25	25	25	25	20	19	19	20	19	18	18	18	18	19	19	22	22	22	21	
6	20	20	19	18	19	19	22	23	21	19	19	18	19	19	19	21	19	19	19	19	22	21	20	19	20	
7	18	19	19	19	19	19	20	20	20	19	19	19	20	19	19	19	19	19	19	19	18	19	22	24	19	
8	22	19	17	17	17	17	19	20	19	17	17	17	17	18	18	18	18	19	17	17	17	17	16	18	18	
9	15	15	15	16	15	15	15	15	15	16	17	17	17	17	18	18	18	18	18	17	17	18	18	17	17	
10	16	17	16	16	17	16	16	15	16	16	17	17	17	17	17	17	17	17	18	19	19	18	19	17	17	
11	18	20	20	23	20	20	24	27	24	21	23	23	25	22	22	26	25	22	26	25	25	27	22	20	23	
12	20	21	24	24	22	23	28	29	30	27	28	26	23	22	22	22	22	22	22	21	21	22	22	24	24	
13	28	26	27	23	21	22	25	26	24	23	23	25	28	26	28	24	20	20	21	22	22	22	23	22	24	
14	21	23	24	22	20	21	22	20	21	19	18	18	18	19	19	19	19	19	19	19	19	19	21	20	20	
15	21	17	17	17	17	18	20	21	19	19	19	19	19	20	20	19	19	19	19	19	19	19	19	19	19	
16	18	17	18	18	18	19	19	20	18	17	18	18	17	17	17	17	17	17	17	17	18	22	26	28	19	
17	29	28	28	26	25	24	21	20	19	19	19	19	18	17	18	18	18	19	19	19	18	17	18	18	21	
18	19	20	24	24	31	30	22	23	23	21	20	20	20	21	20	22	22	21	20	20	20	20	22	22	20	
19	23	25	24	22	21	20	22	22	24	25	21	19	19	19	19	19	18	17	16	16	16	17	20	24	20	
20	17	20	18	16	15	15	19	19	22	23	17	17	18	17	19	20	20	17	15	15	14	17	15	15	18	
21	13	13	13	13	14	13	15	16	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	12	13	
22	12	13	12	12	12	12	14	16	15	14	14	14	15	15	16	15	15	16	16	14	14	15	15	16	14	
23	15	13	13	13	13	13	13	13	14	14	15	15	15	14	14	14	15	16	15	16	17	17	18	15	15	
24	21	24	27	23	23	24	17	15	15	15	14	13	13	13	13	13	13	13	13	14	14	14	14	15	16	
25	15	16	17	18	19	15	17	17	17	23	28	32	28	23	22	21	20	21	22	20	23	25	21	21	21	
26	20	20	20	19	20	24	25	26	23	21	22	21	20	20	20	20	22	21	23	24	25	23	28	24	22	
27	26	27	27	22	22	26	28	30	25	22	23	21	21	21	22	22	22	20	21	22	21	22	22	21	23	
28	19	19	19	19	20	22	24	28	25	26	26	26	24	22	21	25	23	22	24	29	23	19	18	23	20	
29	18	18	18	17	18	18	19	21	22	21	22	22	21	19	19	20	19	19	21	26	22	21	20	20	20	
30	20	20	21	20	20	20	21	21	21	20	20	20	20	19	19	19	19	19	19	20	19	20	20	20	20	
MEAN	20	20	21	20	20	20	21	21	21	21	20	20	20	20	19	19	19	19	19	20	19	20	20	20	20	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	22	24	22	23	22	30	28	24	21	21	20	20	18	19	19	19	19	19	21	22	22	28	24	22
2	22	22	24	27	34	30	28	19	18	18	18	19	19	19	19	19	19	19	19	19	19	19	18	18	21
3	18	19	22	19	18	18	18	18	19	19	19	19	19	19	21	20	19	18	18	18	18	18	18	18	19
4	18	18	18	18	18	19	22	23	22	19	18	19	19	19	19	20	24	20	20	20	22	23	21	21	20
5	22	21	20	19	19	20	24	26	25	22	21	19	19	20	21	21	20	20	22	22	24	22	22	22	21
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7	26	27	26	24	24	28	27	26	24	23	22	22	20	20	21	20	20	20	20	20	22	21	21	20	23
8	22	24	23	22	26	33	38	33	23	20	21	20	20	21	20	19	19	20	20	20	21	20	20	21	23
9	24	28	32	32	33	39	30	22	20	20	20	20	20	21	21	20	20	20	20	20	19	18	18	19	23
10	19	18	18	18	19	19	19	25	26	21	21	20	23	22	22	22	22	21	21	21	21	21	21	21	21
11	- DATA MISSING -																								
12	16	16	16	17	23	20	24	26	19	18	19	19	24	24	21	19	19	18	22	19	19	22	18	16	19
13	16	16	16	17	23	20	24	26	19	18	19	19	24	24	21	19	19	18	22	19	19	22	18	16	19
14	19	20	19	24	23	20	20	23	21	19	21	23	21	19	19	19	19	18	21	21	21	20	17	17	20
15	17	17	17	17	16	16	16	17	17	17	17	17	17	17	17	19	18	18	16	17	17	19	23	24	26
16	26	19	19	18	17	18	17	17	17	19	16	16	16	16	16	16	17	17	17	17	17	17	17	17	18
17	19	18	17	16	16	19	26	26	24	21	20	19	20	20	20	22	21	19	19	18	18	17	19	19	20
18	19	19	20	18	18	19	22	24	22	22	20	20	19	21	22	23	22	24	27	23	24	26	26	22	22
19	19	20	21	20	19	19	23	30	52	37	53	38	26	25	25	29	23	26	25	24	23	22	23	23	27
20	26	25	28	26	30	35	26	28	30	34	28	25	24	25	25	29	23	26	25	24	23	22	23	23	27
21	- DATA MISSING -																								
22	- DATA MISSING -																								
23	- DATA MISSING -																								
24	- DATA MISSING -																								
25	- DATA MISSING -																								
26	- DATA MISSING -																								
27	- DATA MISSING -																								
28	- DATA MISSING -																								
29	19	22	21	18	17	17	17	17	17	18	17	16	16	16	16	16	15	15	16	16	17	17	18	20	17
30	24	29	28	28	30	26	24	23	21	19	16	16	15	17	17	17	17	17	17	17	17	17	17	19	20
31	26	34	29	24	22	28	31	30	26	24	21	20	19	19	20	20	19	18	18	19	20	17	20	24	23
MEAN	21	22	22	21	22	23	24	24	23	21	22	21	19	19	19	20	19	19	20	19	20	20	21	21	21

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	19	19	21	21	19	17	17	19	19	19	19	20	19	19	19	19	21	28	26	21	23	20
2	24	24	23	19	17	18	20	21	20	19	24	22	22	31	28	25	19	18	17	16	16	17	18	18	21
3	24	22	19	16	17	19	20	19	18	19	19	19	19	18	20	21	18	18	18	18	18	18	18	18	19
4	17	17	17	17	16	18	22	19	18	19	19	19	19	17	18	18	17	17	17	20	23	20	20	18	
5	19	18	18	18	18	19	20	19	17	18	18	17	17	17	17	17	17	17	17	17	21	19	18	18	
6	18	18	19	18	22	22	21	18	18	19	17	17	16	16	16	16	16	16	16	16	16	16	16	17	
7	15	16	17	17	19	25	22	19	17	17	15	14	14	15	15	16	16	16	16	15	15	15	15	17	
8	14	14	14	15	15	17	19	22	19	22	20	19	19	19	20	20	22	21	19	20	21	19	19	20	
9	19	18	19	19	19	20	19	19	19	24	18	17	17	17	17	19	18	18	19	18	19	19	19	19	
10	17	17	17	17	17	19	22	22	20	19	19	19	19	19	17	17	16	16	17	17	18	17	19	18	
11	21	21	20	19	18	20	24	23	18	18	17	15	15	15	16	16	15	15	15	18	16	15	16	15	
12	15	15	15	17	22	20	18	17	17	20	19	16	14	14	15	13	13	13	14	17	15	17	16	15	
13	17	15	15	15	15	17	18	14	13	16	14	14	14	14	13	13	14	14	13	14	15	18	17	15	
14	17	27	18	15	14	16	19	23	27	21	17	17	18	18	20	19	15	15	17	17	15	15	18	15	
15	15	15	15	15	15	17	22	25	19	16	15	15	16	17	16	16	16	15	15	14	17	18	22	26	
16	29	32	38	37	34	35	37	18	15	15	15	15	15	15	15	15	24	22	22	22	24	24	24	23	
17	22	23	24	23	24	24	26	26	26	23	22	21	21	21	21	21	20	21	22	19	20	20	19	22	
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19	18	17	16	17	17	18	18	18	19	21	22	19	17	17	17	17	17	18	18	22	19	18	17	19	
20	17	17	17	17	18	18	18	17	17	16	15	15	16	16	16	16	15	16	16	17	18	20	21	17	
21	28	32	31	32	31	30	41	38	30	23	22	23	22	22	21	19	19	19	20	18	21	24	24	22	
22	22	21	22	23	23	24	24	27	24	20	20	20	20	19	19	21	22	21	24	26	27	23	21	22	
23	22	22	22	24	22	18	26	27	23	21	23	25	23	19	21	21	24	23	21	22	24	24	31	28	
24	22	19	18	20	20	19	25	24	23	21	21	24	24	22	22	22	22	20	20	18	21	20	19	19	
25	19	19	23	24	20	21	23	22	19	18	19	18	18	18	18	19	18	18	19	22	19	18	19	20	
26	19	21	20	17	17	20	21	21	18	17	17	17	16	16	17	17	16	16	16	16	15	16	15	17	
27	15	15	16	16	15	17	19	15	15	14	15	15	15	15	15	15	15	15	15	15	15	15	14	15	
28	14	14	14	14	14	16	16	16	15	15	16	16	16	16	16	16	17	17	19	19	17	17	16	16	
29	17	17	15	15	15	17	19	17	16	16	20	23	18	19	19	19	15	17	17	20	19	17	17	18	
30	19	21	18	17	18	24	27	26	19	17	18	19	19	17	17	17	17	17	19	18	19	25	22	19	
31	19	22	27	25	32	38	48	37	24	23	19	19	18	19	19	19	18	17	18	17	17	19	19	18	
MEAN	19	20	20	19	20	21	23	22	19	19	18	18	18	18	18	18	18	17	18	18	19	19	19	19	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	22	20	19	24	33	32	26	22	21	18	17	19	19	19	20	19	19	19	19	19	22	28	28	22
2	24	17	16	15	15	14	15	15	15	17	17	16	15	15	15	14	14	14	14	14	13	13	13	13	15
3	13	13	13	13	13	13	13	13	13	13	13	14	13	13	13	13	13	13	13	14	14	14	14	14	13
4	13	13	13	13	13	13	13	14	15	13	13	13	13	13	13	13	13	13	14	14	16	16	16	15	14
5	16	15	14	14	15	17	20	24	19	15	15	15	15	15	15	15	16	15	14	14	14	14	14	14	16
6	14	14	16	17	17	19	22	27	22	21	16	14	15	15	18	18	19	17	17	17	17	19	26	23	18
7	21	35	43	40	44	30	31	32	26	21	21	21	21	22	21	21	20	19	18	18	19	25	24	25	26
8	25	23	23	25	23	22	24	29	33	30	27	23	22	19	19	19	19	19	19	19	19	19	19	19	19
9																									
10																									
11																									
12	21	19	19	19	21	24	24	26	25	24	24	24	22	23	22	23	22	24	24	25	21	22	21	21	22
13	28	27	25	24	24	26	29	30	28	26	26	27	30	30	32	26	28	26	26	28	27	31	32	29	28
14	26	25	23	24	24	24	24	25	23	22	22	22	22	22	24	30	33	34	34	34	36	36	36	35	28
15	37	35	33	32	34	35	36	41	40	37	31	30	32	31	32	32	32	30	29	30	30	30	29	29	33
16	28	28	30	30	32	33	34	35	35	36	37	33	32	33	30	29	30	30	30	30	29	28	28	27	31
17	26	26	25	25	25	26	26	27	27	29	31	32	34	35	35	36	37	38	39	38	38	36	36	36	32
18	35	37	37	35	35	32	32	33	33	33	34	35	33	33	33	26	32	33	32	32	32	32	30	27	33
19	26	25	24	24	23	22	22	25	26	26	25	24	24	25	24	25	26	24	24	24	25	27	31	35	26
20	26	24	24	24	24	25	29	31	27	25	24	24	23	23	23	23	23	23	23	23	22	21	22	24	24
21	24	24	24	25	27	27	29	32	26	22	21	21	19	19	19	20	20	20	22	24	25	24	24	23	23
22	21	20	19	19	19	19	22	24	23	22	22	22	21	21	21	20	20	20	20	20	20	20	20	20	20
23																									
24																									
25																									
26																									
27																									
28	37	35	34	33	31	32	31	32	30	29	30	31	27	21	20	18	23	25	26	26	26	26	26	26	29
29	26	27	27	27	26	23	23	23	23	24	27	29	30	30	31	29	40	39	34	29	26	24	23	23	28
30	24	23	23	23	21	20	22	22	22	24	25	24	24	24	24	24	24	24	24	24	26	25	25	26	24
MEAN	24	24	24	24	24	24	25	27	25	24	24	23	23	23	22	23	24	24	24	25	25	25	26	25	24

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH OCT 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	26	25	25	25	26	26	25	25	24	22	21	22	21	19	19	19	20	21	22	22	24	25	22	23
2	20	20	19	19	21	23	27	35	48	35	31	19	19	21	22	22	24	23	23	23	26	30	35	32	26
3	28	28	27	25	26	26	29	37	39	32	28	26	24	24	24	24	23	22	22	22	22	22	22	24	26
4	24	26	34	36	37	38	45	50	52	21	17	18	19	19	20	22	22	22	23	23	21	20	18	16	26
5	16	16	16	16	16	17	20	22	21	19	19	18	17	28	35	24	25	26	24	23	22	22	21	21	21
6	21	21	23	22	23	25	32	40	67	57	36	28	28	25	27	31	32	33	32	28	25	22	20	19	30
7	19	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
8	17	17	17	16	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15
9	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15
10	16	17	17	18	19	21	26	34	31	24	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
11	19	20	21	32	44	45	66	53	19	19	20	20	20	20	20	22	21	22	19	18	17	17	17	17	25
12	17	17	17	17	17	18	19	20	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
13	16	16	16	16	16	20	28	27	20	20	19	17	17	17	17	19	20	18	17	17	17	17	17	17	18
14	17	16	16	16	15	15	17	19	17	17	17	18	17	17	16	16	16	16	16	16	15	15	16	16	16
15	16	16	16	17	15	15	15	15	15	16	17	17	16	16	16	16	16	16	17	17	16	16	16	16	16
16	15	15	15	15	15	15	17	20	17	16	20	18	17	16	15	16	15	14	14	14	14	14	13	13	16
17	13	13	13	13	13	14	17	17	16	15	17	16	16	17	18	17	19	19	18	18	17	19	19	16	16
18	17	16	18	17	16	18	23	24	22	18	17	17	17	18	18	19	17	17	17	17	17	16	16	15	18
19	16	18	17	17	15	17	20	24	22	18	17	17	17	17	16	17	17	17	20	23	22	22	22	30	19
20	31	29	25	27	32	24	21	24	23	17	15	15	14	17	22	21	21	19	21	22	20	22	21	23	22
21	21	23	21	24	30	29	29	26	19	17	16	17	16	16	16	16	17	16	15	15	14	14	15	16	19
22	17	17	17	18	18	18	19	18	19	19	20	20	19	19	18	19	19	19	18	18	19	18	18	18	18
23	17	18	18	18	19	19	21	23	23	22	28	24	22	27	32	24	21	24	25	26	20	19	19	18	22
24	17	17	16	16	16	16	17	20	19	17	17	17	17	18	18	19	18	17	17	17	17	16	17	16	17
25	15	15	15	14	15	15	18	19	19	17	12	11	14	14	13	15	15	18	15	15	17	17	15	16	15
26	17	15	15	15	15	15	17	19	20	18	19	18	15	15	15	15	15	15	13	15	16	17	19	20	16
27	24	20	20	20	20	20	20	20	20	20	19	21	16	16	19	22	22	22	19	18	19	21	24	20	20
28	32	25	20	19	18	18	18	19	21	21	20	19	17	19	22	26	22	23	24	22	22	19	18	19	21
29	19	18	17	17	16	15	15	15	15	15	15	15	16	16	15	16	16	16	16	16	16	15	15	15	16
30	15	15	15	14	13	13	13	14	17	20	17	17	17	17	17	17	19	18	19	20	21	21	19	19	17
31	20	17	16	17	16	17	17	18	22	20	18	17	17	17	17	16	16	16	16	15	13	13	13	13	17
MEAN	19	19	18	19	20	20	23	24	23	21	19	18	18	19	19	19	19	19	19	19	18	18	18	19	19

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	15	15	14	15	16	17	15	15	17	18	17	17	18	20	21	19	21	22	22	19	17	17
2	16	17	17	17	18	19	20	19	24	22	19	18	20	24	21	21	23	22	23	25	29	26	22	22	21
3	18	17	17	15	15	15	15	17	18	18	17	15	15	15	17	18	18	17	18	17	17	16	17	16	17
4	15	14	13	13	13	13	13	16	18	21	23	20	14	13	13	16	17	17	16	16	15	15	14	14	14
5	15	15	15	13	13	13	13	13	13	13	13	14	14	13	13	13	14	14	15	15	17	16	15	16	14
6	17	17	16	19	18	17	18	21	20	19	16	15	15	15	15	18	17	18	16	15	15	15	15	17	17
7	25	32	46	31	17	16	17	19	18	16	19	17	17	18	18	18	18	17	17	15	15	15	15	15	20
8	14	13	13	13	13	14	15	25	24	20	17	17	16	16	16	16	16	16	15	14	14	14	13	13	16
9	13	14	13	13	13	12	13	15	15	15	15	14	15	15	16	15	17	18	16	16	15	15	15	15	15
10	16	16	15	15	14	14	15	16	16	21	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
11																									
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29																									
30																									
MEAN	18	18	18	17	16	16	17	19	20	19	18	18	17	17	17	18	20	20	19	19	19	19	19	19	19

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH DEC 72

STATION - EVANS/ARNOLD ETOBICOKE OAMST	NO 35033	MONTH DEC 72	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	18	17	17	17	17	18	19	21	20	18	19	19	19	19	20	20	18	19	19	19	19	19	19	21	19	
2	19	19	21	22	21	19	18	18	21	22	19	19	18	18	19	21	21	21	19	19	19	19	19	21	27	20	
3	23	22	19	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	18	18	18	19	19	19	19	18	
4	18	18	18	18	18	17	19	21	24	20	20	20	19	20	21	22	23	23	20	20	19	20	20	19	20		
5	19	18	18	18	18	19	20	24	27	27	29	29	32	37	26	27	31	27	31	30	34	26	23	24	26		
6	25	23	23	24	24	28	35	49	32	23	22	22	19	20	20	20	21	20	20	19	19	19	19	18	19	24	
7	18	18	18	18	18	19	19	22	24	22	19	19	19	19	19	19	21	21	22	25	26	28	28	28	21		
8	22	20	19	19	21	21	20	22	23	22	21	24	23	23	23	23	23	23	23	23	23	23	23	23	23		
9																											
10																											
11																											
12	27	25	23	23	24	22	27	32	30	29	28	22	20	20	20	20	22	20	20	20	21	20	22	22	24	23	
13	22	21	21	19	19	18	18	19	19	20	20	19	18	18	19	20	21	23	21	20	19	19	19	18	20		
14	18	18	18	17	17	17	18	21	23	22	21	20	17	17	17	20	22	25	22	24	21	21	20	19	20		
15	17	17	17	16	16	16	17	18	20	18	18	18	18	18	18	19	22	22	22	20	19	18	18	18	18		
16	17	17	17	18	18	18	17	17	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		
17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16		
18	15	15	15	15	15	15	16	18	18	18	18	18	18	18	19	20	25	20	20	18	18	18	19	18	18		
19	20	18	19	17	17	17	17	18	19	19	20	21	19	19	19	19	22	25	26	23	22	21	21	20	21	20	
20	21	27	21	22	20	20	19	22	24	18	18	18	17	16	17	16	17	22	20	19	19	18	18	17	17	20	
21	17	17	17	18	19	19	21	23	25	22	25	28	27	27	26	26	27	26	27	28	28	27	27	26	25	24	
22	25	22	22	22	22	23	25	27	30	27	26	24	26	25	26	28	30	30	28	23	21	20	20	19	19	25	
23	19	19	19	19	20	21	19	21	20	22	20	22	24	22	21	22	21	22	23	22	22	22	21	21	21		
24	26	31	29	25	26	24	24	26	28	24	19	20	20	20	20	20	20	20	22	21	21	22	23	23	23	23	
25	23	24	24	22	21	20	20	20	20	20	20	20	19	19	19	21	22	22	20	20	20	20	19	19	21		
26	21	19	19	18	17	17	18	17	17	19	19	19	19	19	20	20	20	20	21	22	20	17	15	15	16	18	
27	16	16	16	15	17	17	16	18	19	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		
28	19	16	16	16	15	15	15	18	20	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		
29	19	19	18	18	18	19	19	21	21	22	21	21	24	24	22	24	22	21	21	20	20	21	21	22	21		
30	19	18	18	18	18	18	18	19	19	20	20	21	21	21	21	21	19	20	20	20	20	20	19	19	19	19	
31	19	18	18	17	17	17	18	18	18	19	19	27	35	38	25	23	20	20	18	20	20	19	18	17	21		
MEAN	20	20	19	19	19	19	19	22	22	21	20	21	21	21	21	20	21	22	22	21	21	20	20	20	20	20	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	16	16	23	41
FEB	26	20	28	43
MAR	31	14	20	36
APR	30	16	25	43
MAY	31	23	30	48
JUN	30	20	26	38
JUL	23	21	27	53
AUG	31	19	26	48
SEP	24	24	33	44
OCT	31	19	30	67
NOV	26	18	22	46
DEC	29	20	26	49
YEAR	328	19	33	67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	66	181	84	7	0	0	0	0	338
FEB	0	335	224	24	0	0	0	0	583
MAR	89	590	37	4	0	0	0	0	720
APR	29	567	88	12	0	0	0	0	696
MAY	0	200	445	86	0	0	0	0	731
JUN	0	367	330	10	0	0	0	0	707
JUL	3	227	266	16	0	0	0	0	512
AUG	0	501	213	18	0	0	0	0	732
SEP	0	141	279	105	0	0	0	0	525
OCT	0	495	199	35	2	0	0	0	731
NOV	0	429	161	3	0	0	0	0	593
DEC	0	338	321	12	0	0	0	0	671
YEAR	187	4371	2647	332	2	0	0	0	7539

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	5	12.8	16.1	18.1	20.6	25.5	29.4	34.1	36.6	67	19.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS

OTTAWA

NO 51001

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	22	20	19	19	19	19	19	19	19	19	17	17	17	17	17	19	18	18	20	20	18	17	19
2	19	18	18	18	18	18	18	18	18	17	18	19	19	18	19	20	20	21	24	21	27	21	18	16	19
3	15	15	15	16	16	16	16	19	20	20	20	20	20	18	18	18	19	20	19	21	22	22	21	21	19
4	21	22	21	21	20	20	20	20	21	21	22	21	22	***	9	15	14	12	10	10	8	8	8	8	16
5	8	7	7	8	8	8	8	12	12	15	13	12	10	10	10	10	11	15	15	16	14	13	16	11	
6	16	15	15	15	16	19	10	14	15	15	13	13	***	10	9	7	7	7	7	7	7	10	12	12	
7	10	12	12	8	8	9	9	8	9	9	8	9	8	10	11	11	10	8	8	7	8	8	8	9	
8	10	10	10	10	10	11	11	11	13	12	13	12	11	10	10	13	15	17	18	14	14	13	11	10	
9	10	9	9	9	9	9	9	10	10	13	10	7	6	6	8	8	8	8	7	8	9	8	7	8	
10	7	7	6	6	6	6	6	9	15	13	10	12	10	12	13	15	17	22	18	20	27	23	17	14	
11	13	11	11	11	11	12	13	19	26	17	14	13	10	10	10	10	15	15	12	12	11	11	12	14	
12	17	18	11	11	12	12	11	13	17	15	15	15	14	12	12	13	17	23	18	17	19	17	15	14	
13	13	12	12	12	12	15	15	18	21	25	21	16	14	16	16	20	22	19	11	9	9	10	11	15	
14	10	9	9	8	8	9	***	***	***	***	***	***	***	***	15	14	15	16	20	19	19	15	17	15	
15	16	16	15	15	13	13	13	13	13	14	15	15	15	14	14	14	14	16	15	14	14	14	15	14	
16	15	14	14	14	14	14	14	16	16	16	16	16	16	15	14	14	14	16	18	19	19	24	24	18	
17	16	14	14	14	13	13	15	17	16	15	18	18	20	***	17	14	15	15	15	15	14	15	15	15	
18	13	13	12	13	12	11	11	13	16	15	16	17	15	14	14	15	17	16	15	16	15	15	13	12	
19	11	10	11	11	10	10	12	13	13	13	13	13	12	12	13	13	13	15	15	15	15	14	14	13	
20	13	14	14	14	14	15	15	15	15	15	18	16	16	15	16	17	17	18	17	16	14	15	16	15	
21	14	14	14	14	14	14	16	18	15	16	17	16	14	14	14	15	18	19	21	24	20	18	18	16	
22	15	15	16	16	14	13	12	12	12	13	13	13	14	17	16	18	17	17	17	17	17	17	19	15	
23	15	18	19	16	14	14	14	14	14	14	15	15	15	14	15	14	14	14	14	14	14	14	14	15	
24	12	12	12	12	12	12	13	15	17	***	11	12	12	11	11	13	14	13	12	13	12	10	9	9	
25	9	9	8	9	10	10	10	10	10	10	10	11	9	9	9	10	12	12	12	12	12	13	13	11	
26	12	11	11	12	12	13	13	14	14	13	13	13	13	11	12	13	13	14	12	14	13	14	14	12	
27	10	10	11	11	11	11	13	14	13	12	15	11	8	8	8	8	10	11	9	9	9	8	8	10	
28	9	9	9	8	8	8	8	12	14	16	13	11	10	10	16	14	14	17	18	18	20	18	19	18	
29	14	14	14	14	14	16	16	17	17	17	16	17	16	15	15	15	16	14	14	14	15	15	14	15	
30	14	15	16	16	13	13	13	13	13	13	14	14	14	14	14	14	14	14	16	17	15	16	16	14	
31	13	14	14	14	14	13	15	15	16	16	16	15	14	***	11	11	10	17	15	13	10	12	10	10	
MEAN	13	13	13	13	12	13	13	14	15	15	15	14	14	13	13	14	15	16	15	15	15	15	14	14	

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS

OTTAWA

NO 51001

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	11	11	10	10	10	14	15	15	14	11	11	11	11	11	12	13	14	12	13	15	16	14	12
2	12	12	10	10	10	10	10	11	11	11	11	11	11	12	11	11	12	12	11	15	29	45	14	12	14
3	12	11	11	10	10	10	9	10	9	10															
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13																									
14																									
15	9	9	9	9	9	9	9	11	15	14	15	15	13	16	15	13	12	12	12	12	11	12	10	10	12
16	10	9	9	9	10	11	12	13	14	15	15	14	14	14	14	14	14	14	14	15	16	16	16	18	13
17	20	19	17	16	20	18	17	17	19	18	18	19	18	18	18	17	17	18	16	15	17	16	15	15	17
18	14	14	14	14	14	14	14	17	17	15	14	13	14				13	13	13	12	11	11	11	10	13
19	10	10	10	10	10	10	10	10	10	10	10	9	10	9	10	10	10	10	10	10	10	11	11	10	10
20	8	8	8	9	9	10	10	11	12	12	12	13	10	10	10	11	9	9	10	10	10	10	10	10	10
21	12	12	12	12	12	12	12	13	12	12	11	11	11	11			14	14	13	13	13	13	13	13	12
22	13	12	11	10	10	11	12	14	15	15	15	15	15	15	15	15	16	16	17	17	16	18	19	20	15
23	18	19	21	23	22	21	21	23	23	27	25	19	15	16	16	14	14	13	13	12	12	12	12	11	18
24	12	12	11	11	11	11	11	10	13	12	11	9	10				9	10	13	11	16	20	21	21	13
25	13	12	12	13	15	14	21	23	22	15	14					12	13	15	18	16	12	12	12	11	15
26	11	11	11	10	10	9	9	10	10	10	10	9	9	9	10	11	11	12	14	14	15	15	14	14	11
27	10	10	10	11	10	10	11	11	11	11	11	11	9	9	9	9	9	9	9	12	12	9	9	10	10
28	12	10	10	9	9	10	11	12	12			12	10	9	8	7	10	11	12	10	12	12	12	11	11
29	10	10	10	9	9	9	9	9	10	10	10	9	10	10	10	8	10	12	14	12	14	15	14	14	11
MEAN	12	12	12	11	12	12	12	13	14	14	14	13	12	12	12	12	12	13	13	13	14	15	13	13	13

PERCENTAGE OF DATA VALID - 60

UNITS - PARTS PER TEN MILLION

MONTH MAR 72

NO 51001

MONTH MAR 72

PERCENTAGE OF DATA VALID - 70

UNITS - PARTS PER TEN MILLION

MONTH APR 72

MONTH APR 72

NO 51001

MONTH APR 72

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	14	14	14	13	13	13	16	18	16	14	14	14	11	11	13	16	16	16	15	15	15	15	14	15	15
5	20	18	20	19	23	53	38	26	34	28	20	20	18	17	18	18	18	17	16	16	17	15	14	16	22
6	15	15	15	15	15	15	15	15	14	14	14	14	14	13	11	12	12	12	12	14	15	17	16	15	14
7	15	15	16	16	17	17	17	16	38	23	16	14	13	14	14	14	13	14	15	13	13	14	14	14	16
8	14	14	14	14	14	14	15	15	15	15	15	14	11	11	11	12	13	13	12	13	13	13	14	13	13
9	12	13	14	14	14	14	15	16																	
10																									
11													- DATA MISSING -												
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14													- DATA MISSING -												
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21													- DATA MISSING -												
22													- DATA MISSING -												
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24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	15	15	16	15	16	21	19	18	23	19	16	15	13	14	14	14	14	15	14	14	16	16	16	16	16
PERCENTAGE OF DATA VALID -	18																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
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7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
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11													- DATA MISSING -												
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19													- DATA MISSING -												
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21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27	14	11	11	13	15	15	18	16	15	16	16	16	14	15	15	15	15	15	15	17	15	14	14	14	15
28	14	13	13	11	11	12	15	12	11	11	11	11	15	17	17	17	17	18	20	23	21	18	18	18	15
29	15	15	15	15	15	15	15	15	15	15	15	15	15	15	17	16	16	16	16	20	18	17	20	22	16
30	20	20	19	19	19	18	21	29	25	20	18	18	14	14	16	15	15	17	18	17	16	14	16	16	18
31	17	17	27	25	27	23	21	21	21	18	17	15	16	15	16	16	16	16	17	17	16	17	17	17	19
MEAN	16	15	17	17	17	17	18	19	17	16	15	15	15	15	16	16	16	16	17	18	17	16	17	17	16
PERCENTAGE OF DATA VALID -	17																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	17	17	19	20	20	20	20	17	17	14	14	16	17	18	17	18	18	17	17	18	17	17
2	17	13	13	13	13	13	13	13	13	13	13	13	15	18	24	20	17	17	16	16	16	16	16	16	15
3	17	17	17	17	17	17	18	21	21	21	21	23	19	16	16	16	16	15	15	14	14	14	14	13	17
4	14	14	14	14	14	13	13	13	12	12	12	12	12	15	15	15	16	17	17	21	21	20	19	19	15
5	21	23	19	17	17	17	17	13	14	14	14	14	14	15	16	16	17	18	17	18	16	16	15	14	17
6	14	14	11	10	11	11	11	9	9	12	13	13	13	17	17	18	18	18	18	17	17	20	21	17	15
7	18	15	13	11	13	13	13	13	13	14	14	14	14	15	15	15	15	13	14	15	14	14	13	12	14
8	12	12	13	13	12	12	15	12	12	14	14	14	14	15	17	17	18	17	17						
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17	19	19	17	17	17	25	16	14	13	12	12	12	12	23	23	20	20	24	24	23	27	22	20	19	17
18	15	14	13	13	17	17	18	16	16	16	14	13	14	14	12	12	14	15	16	18	25	33	22	14	16
19	14	14	14	14	14	13	12	11	12	12	11	12	12	12	12	12	12	13	14	14	14	16	14	14	13
20	15	15	15	14	13	13	13	13	13	13	12	12	11	11	11	11	11	11	11	11	11	11	10	10	12
21	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10																		
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	15	14	14	13	13	14	14	13	13	14	15	14	14	15	15	15	15	15	15	15	16	16	15	14	14
PERCENTAGE OF DATA VALID -	50																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH NOV 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													28	30	25	23	22	22	25	28	30	31	33	30	
2	28	25	25	26	26	22	23	24	26	25	23	26	23	26	27	20	20	22	20	18	19	19	19	16	23
3	15	13	17	16	15	12	15	19	21	20	18	15	14	14	14	16	16	17	17	19	20	20	21	23	17
4	24	24	22	21	21	22	19	18	21	19	22	20	20	20	21	20	19	19	19	19	19	17	18	19	20
5	18	18	18	19	20	22	22	24	22	21	21	21	21	20	20	19	19	20	20	21	21	23	23	24	21
6	34	36	34	34	46	41	30	57	62	48	33	22	20	20	17	18	18	20	19	20	21	23	23	23	30
7	22	24	23	27	26	27	24	24	26	26	26	24	21	21	21	20	20	20	20	21	20	20	20	20	23
8	20	19	19	19	17	15	17	18	17	17	15	14	14		7	7	9	10	9	11	13	12	10	14	
9	13	12	12	13	14	14	17	17	17	17	15	13	13	13	13	13	13	16	16	15	13	15	12	14	14
10	14	16	13	13	14	13	13	15	14	12	14	9	9	9	9	9	11	10	9	7	8	9	9	11	
11	9	9	9	10	13	11	11	10	9	10	11	10	10	9	9	11	9	9	8	8	12	9	8	8	10
12	10	8	9	10	8	9	9	11	11	11	11	11	10	12	12	11	11	11	12	12	11	11	12	11	
13	12	14	12	12	12	12	12	13	14	14	12	12	11	11	11	11	11	11	11	11	15	16	17	17	13
14	14	12	12	12	13	16	17	15	15	15	15	16	15	15	15	15	15	15	15	15	14	15	17	15	
15	15	11	11	11	12	13	13	13	14	14	14	13													
16													DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
17													DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
18													DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
19													DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
20													DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
21													DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
22													DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
23													DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
24													15	14	11										
25													9	11	13	15	16	15	12	13	13	13	13	13	
26	14	13	12	12	12	10	10	12	12	13	15	17	20	16	18	18	20	24	19	18	18	17	17	15	16
27	13	12	13	13	12	12	12	12	13	12	12	12	11	12	12	14	12	11	11	11	10	8	9	9	12
28	9	9	9	9	9	9	9	10	11	11	11	11	11	12	12	13	13	13	12	13	13	13	13	11	
29	13												16	16	16	16	17	17	17	17	17	17	17	17	15
30	24	22	20	23	21	19	20	24	24	22	20	19	17	17	15	16	16	20	30	37	33	29	29	31	
MEAN	17	16	16	16	17	16	16	18	19	18	17	16	16	16	15	15	15	16	16	17	17	17	17	17	17
PERCENTAGE OF DATA VALID -	66																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS.

OTTAWA

NO 51001

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	13	12	12	12	14	16	17	18	20	16	16	14	14	13	12	11	13	13	14	14	15	15	15
2	14	15	15	15	15	15	16	17	18	18	21	19	18	18	18	17	16	15	15	15	15	15	15	15	16
3	15	15	15	15	13	13	12	12	11	13	14	15	14	14	12	12	12	13	13	15	16	15	16	16	14
4	16	16	16	16	17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5																									
6																									
7	16	16	16	16	16	16	18	20	20	18	18	17	17	17	17	17	19	22	28	30	23	21	20	21	19
8	19	17	17	16	15	15	16	16	16	17	18	18	16	18	18	17	17	17	17	17	15	15	15	15	17
9	15	15	13	13	13	13	13	13	14	13	14	13	12	13	14	14	15	16	15	18	19	18	16	17	15
10	19	18	16	15	14	14	14	15	15	15	16	17	17	17	15	15	14	14	14	14	14	14	16	17	15
11	17	17	17	17	17	18	18	20	21	19	18	18	19	18	18	17	20	24	24	23	23	35	42	33	21
12	24	21	20	20	21	21	23	29	26	23	21	21	19	19	18	18	16	16	16	16	17	16	14	13	20
13	13	13	12	11	11	13	11	11	11	10	10	10	10	10	11	11	12	15	16	18	17	21	18	27	13
14	29	25	24	25	22	17	17	23	21	18	16	16	0.000	0.000	0.000	0.000	16	16	19	19	20	19	22	22	19
15	18	18	19	16	16	16	16	17	17	17	16	15	15	15	15	15	15	15	15	15	14	13	15	14	16
16	13	13	12	12	12	11	11	11	12	14	14	14	14	13	13	13	14	14	14	14	14	14	13	13	13
17	13	13	13	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	14	15	15	14	14	14	14
18	13	14	14	13	13	12	12	13	13	13	13	13	12	12	12	12	14	15	12	12	11	12	12	12	13
19	12	12	12	11	11	11	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	13
20																									
21																									
22	10	9	11	11	11	11	12	12	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	11
23	14	16	38	37	27	20	17	17	18	19	17	16	19	19	19	18	19	19	19	18	18	20	20	20	20
24	20	20	19	19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25																									
26																									
27																									
28																									
29																									
30	16	13	12	12	12	12	12	12	12	11	12	12	12	12	12	12	12	10	10	10	10	12	14	16	0.000
31	12	11	12	12	10	10	9	9	8	8	8	10	11	12	13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN	16	16	16	16	15	14	14	16	16	15	15	15	15	15	15	15	15	16	16	16	15	16	16	17	15

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MACDONALD GDNS. OTTAWA

NO 51001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	14	19	27
FEB	19	13	18	45
MAR	25	12	17	25
APR	26	12	15	28
MAY	7	16	22	53
JUN		DATA MISSING		
JUL	6	16	19	29
AUG	17	14	17	37
SEP		DATA MISSING		
OCT		DATA MISSING		
NOV	23	17	30	62
DEC	25	15	21	42
YEAR	179	14	30	62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	150	528	54	0	0	0	0	0	732
FEB	135	263	20	1	0	0	0	0	419
MAR	218	288	15	0	0	0	0	0	521
APR	229	324	8	0	0	0	0	0	561
MAY	0	122	13	4	0	0	0	0	139
JUN		DATA MISSING							
JUL	0	113	19	0	0	0	0	0	132
AUG	82	259	33	2	0	0	0	0	376
SEP		DATA MISSING							
OCT		DATA MISSING							
NOV	59	289	118	14	1	0	0	0	481
DEC	20	431	52	5	0	0	0	0	508
YEAR	893	2617	332	26	1	0	0	0	3869

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
58	5	8.4	10.9	12.9	14.9	18.8	20.9	24.6	28.1	62	13.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK. CORNWALL

NO 56051

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
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15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29	15	16	17	17	14	11	9	9	10	11	10	10	10	11	10	9	9	10	10	10	8	6	6	6	11
30	7	7	6	7	6	6	6	7	8	9	10	11	12	13	13	13	14	14	14	14	14	14	17	17	11
MEAN	11	12	12	12	10	9	8	8	9	10	9	9	10	11	10	10	11	11	11	11	11	11	12	12	10

PERCENTAGE OF DATA VALID - 8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK. CORNWALL

NO 56051

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	13	13	13	11	11	11	13	13	13	12	12	12	12	12	12	12	12	11	12					12
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12	14	14	14	14	14	14	14	13				15	15	17	13	14	15	16	19	23	23	22	23	21	22
13	21	21	21	21	21	21	21	21	21	21	21	21	21	24	21	22	23	24	24	24	24	24	23	22	22
14	18	18	18	18	18	18	19	22	22	22	22	23	23	18	20	22	22	22	21	22	22	24	26	24	24
15	21	21	22	23	23	23	23	23	24	25	26	26	27	24	29	30	28	28	28	29	29	30	29	30	30
16	23	23	23	23	23	24	25	22	25	26	26	27	23	24	27	29	29	29	31	33	36	35	34	31	27
17	29	31	31	27	26	25	27	29	28	29	31	33	32	34	37	37	37	41	43	45	46	58	43	41	35
18	33	32	31	32	32	35	34	34	32	32	32	31				30	30	27	27	28	30	30	29	30	31
19	24	27	27	26	25	26						16	16	16											
20	26	26					27	27	29	37	36	32	26	26			26	28	28	26	26	26	27	28	28
21	24	24	24	25	25	26	27	27	28	30	31	31	25	25	26	27	29	28	28	29	31	32	34	34	28
22	29	28	29	29	29	30	30	30	31	31	31	31	26	26	27	27	29	29	29	32	32	32	31	31	30
23	27	27	28	28	28	29	30	31	29	29	29	31	27	27	28	28	28	28	29	30	29	29	32	30	29
24	28	29	29	29	30	32	33	33	34	33	32	33	27	28		31	28	29	29	28	32	33	38		31
25																									
26	28	29	28	30	29	29	29	29	29	31	32	32	35	35	37	38	38	39	39	41	41	39	39	46	34
27	38	47	36	36	36	36	36	36	36	36	37	37	38	39	40	42	43	44	45	45	45	45	43	41	40
28	41	40	39	38	37	37	37	37	37	37	37	33	29	29	29	29	29	30	34	30	30	36	40	42	35
29	37	34	33	33	33	33	33	32	32	31	31	30	30	30	30	30	32	32	32	33	33	37	38	37	33
30	36	33	32	33	33	33	33	33	33	33	34	34	32	32	33	33	34	35	33	34	34	33	35	36	34
31	35	35	34	34	33	33	34	35	35	35	37	35	34	33	34	37	35	35	35	37	35	35	35	34	35
MEAN	27	28	27	27	27	27	28	28	29	29	29	28	26	26	28	29	29	30	30	31	32	33	33	32	29

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH AUG 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	33	33	33	33	34	34	34	34	33	33	33	43	29	33	20	20	22	28	26	27	25	24	25	25	29
2	25	25	25	25	25	24	24	24	24	24	24	27	25	26	25	25	25	25	25	25	25	25	25	26	25
3	26	24	24	24	28	26	30	30	30	45	54	43	35	31	29	33	24	24	24	24	24	23	24	24	29
4	27	26	25	26	28	29	30	27	26	25	24	23	23	23	24	24	24	24	24	24	24	24	24	24	24
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	28	29	34	41	35	35	34	35	28	28	29	28	31	30	30	30	29	29	30	31	33	35	33	31	32
16	32	32	33	35	35	30	30	30	28	28	28	27	44	32	28	28	29	28	32	29	33	33	29	26	31
17	25	24	25	24	25	27	26	26	25	24	24	24	25	25	27	26	26	25	24	24	24	24	24	24	25
18	26	27	26	25	26	26	26	27	26	26	26	26	28	28	27	26	26	26	27	29	27	32	32	28	27
19	27	27	27	27	27	27	27	26	25	25	24	24	24	24	24	24	24	24	25	27	29	29	29	28	26
20	28	29	30	31	32	34	33	32	29	28	28	27	27	26	26	26	26	27	27	31	31	29	27	26	29
21	26	26	25	25	25	26	26	26	25	25	25	25	26	26	26	27	28	28	28	28	28	28	28	27	26
22	25	25	25	25	25	25	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	27	27	28	28	29	29	29	29	27	28	28	29	29	27	26	26	26	26	27	27	28	28	28	27	28

PERCENTAGE OF DATA VALID - 36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH SEP 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	29	26	26	26	26	26	26	28	28	27	27	27	26	26	26	26	26	26	26	29	31	28	27	26	27
10	26	24	24	24	25	26	25	25	25	25	24	22	23	22	22	23	23	24	26	26	26	26	26	26	25
11	27	27	27	28	28	26	26	25	27	27	25	24	25	24	24	24	23	23	23	23	23	23	23	24	25
12	24	23	23	25	26	26	27	27	26	26	25	24	25	26	27	28	28	28	34	37	35	33	36	68	29
13	65	32	29	28	28	28	28	26	25	25	25	26	26	25	25	25	25	25	23	23	23	24	24	24	27
14	24	24	24	24	24	24	24	24	24	23	23	21	22	22	22	22	22	23	25	25	26	27	29	29	24
15	28	28	28	26	25	24	24	28	29	23	23	23	23	22	22	22	23	22	22	22	23	23	21	21	24
16	22	21	21	20	21	22	22	23	24	24	23	23	23	22	22	22	22	22	22	22	22	24	24	21	22
17	23	23	22	22	23	23	24	24	25	25	26	25	25	25	25	25	24	24	26	25	25	25	26	24	24
18	25	26	29	31	38	29	29	29	29	29	27	26	24	27	28	27	25	27	26	25	25	26	24	23	27
19	23	23	25	24	24	25	27	28	27	26	26	25	24	26	28	25	25	24	25	27	29	30	30	30	26
20	29	29	29	28	28	28	27	27	28	28	27	25	23	23	24	24	24	24	27	26	26	28	29	31	27
21	35	36	34	31	33	35	39	32	39	37	26	24	25	25	24	24	24	25	26	25	24	25	24	23	29
22	23	23	22	22	22	23	23	25	26	28	28	27	27	26	26	25	26	27	27	31	32	35	34	34	27
23	32	32	32	31	31	32	33	32	31	29	28	27	27	27	26	26	27	27	29	33	35	40	33	30	30
24	30	32	38	37	35	33	33	34	32	32	30	30	30	30	29	34	35	32	29	29	28	29	30	32	32
25	33	32	31	30	29	29	31	31	32	32	31	29	29	29	28	29	28	28	29	28	25	25	26	26	29
26	25	25	26	26	26	26	27	29	30	28	28	27	26	27	30	30	30	33	34	33	33	33	30	29	29
27	28	29	30	28	26	24	27	30	31	31	29	27	28	30	29	29	28	29	30	30	30	30	31	30	29
28	30	30	29	29	28	28	29	29	31	29	28	28	28	28	30	28	26	26	30	32	32	33	35	32	30
29	31	32	33	32	30	30	28	28	28	26	26	25	24	24	24	25	26	25	25	25	24	23	24	24	27
30	23	23	23	23	23	23	24	24	25	23	21	23	24	24	25	25	25	25	25	24	26	26	26	26	24
MEAN	29	27	28	27	27	27	27	28	28	27	26	25	25	26	26	26	26	26	27	28	27	28	28	29	27

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK, CORNWALL

NO 56051

MONTH OCT 72

72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	28	28	27	27	27	29	29	29	29	28	29	25	26	27	27	29	31	33						28
2																									
3	21	26	21	19	22	22	27	31	19	15	14	13	15	13	13	14	14	19	16	18	16	16	17	14	18
4	13	15	14	18	18	18	18	18	18	18	18	19	17	18	20	20	20	21	21	22	25	21	20	19	
5	19	18	19	23	26	28	34	38	28	24	18	18	18	19	20	22	23	25	28	32	36	36	28	21	25
6	21	16	16	17	17	17	17	15	18	13	13	13	13	13	15	19	20	20	22	23	21	21	21	20	18
7	21	20	20	17	10	16	16	16	16	16	15	16	13	12	12	12	11	12	12	13	14	14	15	15	15
8	12	12	11	10	10	10	12	11	11	11															
9																									
10	12	10	10	12	10	10	13	13	17	15	14	13	11	14	11	11	13	13	13	13	12	11	11	10	
11	16	16	34	24	14	16	18	14	13	12	12	12	11	13	12	13	15	17	17	15	15	18	17	15	16
12	17	17	17	17	16	17	19	20	21	24	23	17	15	16	17	16	16	16	18	22	19	19	19	18	18
13	16	14	14	14	14	15	15	14	17	16	16	14	17	16	16	17	17	17	18	18	18	18	17	17	16
14	14	13	13	13	13	13	13	13	13	13	13	13	14	12	13	14	16	16	15	16	17	15	15	13	14
15	15	15	14	14	15	15	15	15	15	15	13	13	15	14	16	18	14	14	15	18	18	15	15	15	15
16	11	9	2	7	6	5	4	6		20	20	18	18	18	19	18	18	18	17	17	17	17	17	18	14
17	18	18	18	18	19	18	19	19	20	20	24	22	22	21	22	20	19	19	19	19	24	21	21	21	20
18	19	19	19	19	19	20	20	20	20	20	19	19	18	19	19	19	19	20	20	19	19	18	18	18	19
19	18	18	18	18	18	18	20	21	20	19	17	16	17	17	16	16	18	19	23	24	23	22	22	23	19
20	25	25	23	22	20	20	21	22	20	20	20	19	19	18	18	18	19	19	20	20	18	18	18	17	20
21	18	18	17	17	17	17	17	17	17	17	18	19	19	20	20	21	21	21	21	21	20	20	20	20	19
22	20	21	20	20	20	21	21	21	21	21	21	21	21	22	21	21	21	22	23	23	22	21	21	21	21
23	26	19	19	19	19	19	21	23	22	22	22	21	21	22	23	23	20	20	20	18	18	18	17	17	20
24	17	16	17	17	17	17	18	18	17	18	17	17	17	17	19	16	16	16	16	16	15	15	15	15	17
25	17	17	17	18	18	18	18	20	19	20	18	18	18	18	18	18	18	18	18	18	18	17	17	16	18
26	16	16	16	16	16	17	17	17	17	17	17	18	18	18	18	19	20	21	22	22	21	20	21	22	18
27	22	22	21	21	21	23	25	25	26	23	30	27	24	25	25	25	27	33	38	35	43	80	82	66	33
28	54	40	33	28	25	25	25	26	28	27	28	27	26	25	24	24	26	26	27	29	26	26	26	25	28
29	24	24	23	23	22	22	21	21	20	20	21	20	18	18	18	18	18	18	17	18	18	18	17	17	20
30	18	18	18	18	18	18	18	18	18	19	19	20	20	18	18	18	18	18	19	20	19	19	19	19	19
31	20	20	20	21	21	21	21	21	21						19	21	21	20	21	20	20	19	19	18	20
MEAN	20	19	18	18	18	18	19	19	19	19	19	18	18	18	18	18	19	19	20	20	20	21	21	19	19

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK, CORNWALL

NO 56051

MONTH NOV

72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	18	18	18	18	21	21	20	19	19	19	18	18	18	18	20	20	21	20	20	20	20	19
2	19	19	18	18	18	17	17	17	17	18	18	18	18	18	18	18	18	18	16	17	20	20	18	18	18
3	17	19	19	19	19	19	19	19	19	18	17	19	19	18	18	18	18	18	18	18	18	17	17	17	18
4	18	17	17	17	17	21	20	16	16	16	17	17	18	18	18	18	22	21	19	19	19	19	19	19	18
5	16	16	17	17	17	17	17	17	17	18	18	17	17	17	17	18	18	18	18	19	19	19	19	19	18
6	19	19	19	19	19	19	20	20	19	22	22	24	23	23	22	20	20	23	23	24	25	24	23	23	21
7	25	24	23	23	23	24	24	28	29	30	28	26	26	25	25	25	26	28	27	26	26	25	24	24	26
8	23	24	24	24	21	22	22	22	22	20	20	20	21	20	20	20	19	19	19	19	19	19	19	18	21
9	17	17	18	18	18	18	17	18	21	23	23	22	21	21	20	21	22	22	23	21	22	22	21	23	20
10	21	21	21	21	21	21	21	24	24	23	22	22	22	22	23	24	23	22	23	21	22	22	21	23	20
11	21	21	22	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
12	21	21	22	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
13	21	21	22	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
14	20	20	20	19	19	20	20	21	21	21	20	20	20	21	21	20	20	19	18	17	17	17	17	17	19
15	17	17	18	18	18	18	19	19	19	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
16	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
17	21	21	21	21	21	21	21	22	22	25	23	22	21	20	20	20	22	22	21	22	22	22	21	21	21
18	21	21	23	24	24	24	28	30	28	27	24	24	24	24	24	24	24	25	25	25	25	25	24	24	25
19	24	25	25	25	25	25	26	27	27	25	24	23	23	23	23	23	24	25	25	23	22	22	21	19	24
20	21	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20
21	27	25	23	22	21	22	23	23	25	25	25	23	20	20	21	21	24	24	22	21	19	20	21	21	22
22	19	20	19	19	20	20	20	20	20	20	20	19	19	21	19	19	19	19	20	20	21	20	20	20	20
23	21	21	21	20	20	21	21	22	23	23	23	23	21	22	22	22	22	22	22	23	22	22	21	21	22
24	22	22	22	22	20	20	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
25	22	22	22	22	20	20	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
26	22	22	22	22	20	20	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
27	22	22	22	22	20	20	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
28	16	16	16	16	15	15	17	16	16	16	16	16	18	18	18	18	19	19	20	19	19	18	18	18	17
29	18	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	21	24	24	23	21	20	19	20
30	18	18	18	18	19	19	18	17	18	18	17	18	17	17	17	19	22	21	22	21	20	20	20	21	19
MEAN	20	20	20	20	20	20	20	21	21	21	21	21	20	20	20	21	21	21	21	21	21	20	20	20	21

PERCENTAGE OF DATA VALID 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - MEMORIAL PK.CORNWALL

NO 56051

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	21	19	21	22	20	20	23	24	22	20	20	20	20	21	22	21	21	21	21	21	21	21	21
2	23	23	23	23	23	23	25	25	24	24	25	25	25	25	25	25	25	25	25	25	24	24	24	24	24
3	25	25	24	24	23	23	23	23	23	23	23	23	23	23	24	26	25	24	26	26	25	25	25	25	24
4	24	24	24	24	24	23	25	28	30	28	30	28	27	27	27	23	23	24	23	23	21	21	21	21	19
5	19	19	19	18	18	17	18	18	21	20	18	18	18	18	19	19	17	17	17	18	18	18	18	18	18
6	18	20	20	18	21	20	20	22	28	29	22	19	18	18	19	21	21	20	20	20	20	20	20	18	21
7	18	18	18	18	18	18	18	19	20	21	21	20	20	19	20	21	22	23	22	21	21	21	21	21	20
8	21	22	22	22	22	22	22	22	22	20	20	19	19	19	19	21	21	19	20	20	20	18	18	17	20
9	17	17	17	17	17	17	17	17	17	19	19	18	19	19	18	18	20	21	23	23	23	21	21	21	19
10	21	21	21	20	18	17	18	18	18	19	21	20	21	19	18	18	17	17	17	17	17	17	18	18	19
11	17	17	19	19	19	19	20	21	21	22	23	23	23	22	23	23	23	22	22	21	22	22	22	22	21
12	23	23	23	23	23	23	23	25	25	24	26	28	26	25	25	26	25	25	25	22	22	24	24	24	24
13	22	22	22	22	22	22	22	23	25	24	24	23	24	25	24	24	25	25	26	26	25	26	27	25	24
14	25	25	25	25	24	25	25	25	27	26	26	26	25	25	25	26	29	31	34	30	28	27	27	27	27
15	26	26	26	26	26	26	25	26	26	25	27	29	28	28	28	26	26	26	26	25	24	24	24	24	26
16	21	23	24	22	23	23	22	22	23	22	22	22	22	22	24	24	24	24	24	24	24	24	23	23	23
17	23	23	23	23	24	24	24	24	24	24	24	26	25	24	24	24	24	24	24	24	24	24	24	25	24
18	24	23	24	24	23	23	24	25	24	25	25	25	26	27	28	29	27	26	29	28	27	26	25	26	26
19	27	27	26	26	25	25	25	25	27	28	28	28	28	28	29	30	29	30	29	28	27	27	27	27	27
20	27	27	27	27	27	28	28	28	30	31	31	31	27	27	27	27	27	27	25	25	25	26	25	24	27
21	24	23	23	23	23	23	23	23	25	24	25	25	25	25	26	27	27	27	27	27	27	27	27	27	24
22												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
23												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
24												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
25												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
26												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
27												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
28												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
29												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
30												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
31												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
MEAN	22	22	22	22	22	22	22	23	24	24	24	24	23	23	23	24	24	23	24	24	23	23	23	22	23

PERCENTAGE OF DATA VALID - 66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - MEMORIAL PK, CORNWALL

NO 56051

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	3	10	11	17
JUL	22	29	40	58
AUG	13	28	32	54
SEP	23	27	32	68
OCT	31	19	33	82
NOV	28	21	26	30
DEC	21	23	27	34
YEAR	141	23	40	82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - MEMORIAL PK, CORNWALL

NO 56051

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	DATA MISSING								
FEB	DATA MISSING								
MAR	DATA MISSING								
APR	DATA MISSING								
MAY	DATA MISSING								
JUN	38	24	0	0	0	0	0	0	62
JUL	0	46	239	196	0	0	0	0	481
AUG	0	0	227	46	0	0	0	0	273
SEP	0	0	457	77	2	0	0	0	536
OCT	15	421	238	16	3	0	0	0	693
NOV	0	226	342	0	0	0	0	0	568
DEC	0	87	402	5	0	0	0	0	494
YEAR	53	804	1905	340	5	0	0	0	3107

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
60	2	16.0	19.4	22.7	25.5	30.7	33.5	36.9	40.6	82	23.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	8	8	8	8	8	8	7	7	8	8	8	8	8	8	7	8	8	9	10	10	11	10	11	8
2	10	11	11	11	11	9	9	10	10	11	11	12	11	12	11	11	11	10	10	11	11	9	8	8	10
3	7	7	7	8	8	7	7	6	7	7	8	8	8	8	8	8	8	9	10	10	10	10	10	9	8
4	10	10	10	10	9	9	9	10	11	11	11	12	12	10	10	9	10	10	10	10	10	7	8	8	10
5	7	7	8	8	8	8	9	11	14	16	15	13	12	12	12	13	13	13	14	14	14	13	13	13	12
6	12	12	12	12	11	11	16	21	21	19	18	18	21	15	15	15	15	24	25	24	22	20	20	19	18
7	13	19	18	17	17	17	17	17	17	17	17	17	16	16	16	16	16	24	25	24	22	20	20	19	18
8	17	18	17	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	17	19	17	18	17	17	16
9	14	14	14	14	14	14	15	17	16	16	17	17	16	16	16	16	16	16	16	15	15	14	15	15	16
10	13	13	14	14	13	13	13	13	17	20	21	18	17	18	17	17	17	18	18	17	17	16	16	16	16
11	15	16	15	15	15	15	15	15	16	16	14	14	14	14	15	14	14	15	15	14	14	15	15	15	15
12	15	15	14	12	12	13	14	14	14	16	17	16	16	16	16	15	15	15	14	14	14	14	14	15	15
13	16	16	15	15	15	15	14	14	14	14	15	14	14	14	14	14	13	14	14	14	13	13	13	13	14
14	15	17	15	15	16	16	16	16	16	16	16	16	14	13	11	11	11	11	11	11	11	11	11	11	11
15																									
16																									
17																									
18	15	15	14	14	14	14	14	14	14	15	15	15	15	25	14	14	14	13	13	13	13	13	13	13	14
19	15	15	15	15	14	14	14	14	14	15	15	15	15	14	15	15	15	16	19	15	15	14	14	14	12
20	12	11	11	11	12	12	12	11	12	12	13	14	14	14	15	13	14	15	15	15	14	14	13	13	13
21	13	14	15	14	13	13	14	16	21	23	25	26	25	21	16	21	18	18	18	18	19	15	15	15	18
22																									
23																									
24																									
25	14	15	15	15	15	14	14	14	14	14	14	14	15	16	16	16	16	16	17	17	17	17	16	16	15
26	17	16	16	15	15	15	16	15	14	14	14	14	15	16	16	16	16	16	17	17	17	17	16	16	15
27																									
28																									
29																									
30																									
31																									
MEAN	13	13	13	13	13	13	13	13	14	15	15	15	15	15	14	14	15	15	15	15	14	14	14	13	14
PERCENTAGE OF DATA VALID -	63																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA MISSING	-											
2												-	DATA MISSING	-											
3												-	DATA MISSING	-											
4												-	DATA MISSING	-											
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10												-	DATA MISSING	-											
11												-	DATA MISSING	-											
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15												-	DATA MISSING	-											
16												-	DATA MISSING	-											
17												-	DATA MISSING	-											
18												-	DATA MISSING	-											
19												-	DATA MISSING	-											
20												-	DATA MISSING	-											
21												-	DATA MISSING	-											
22												-	DATA MISSING	-											
23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	13	13	13	13	12	13	12	13	13	13	13	0.0000
24	13	13	13	12	12	13	13	13	13	13	13	13	11	13	12	12	12	11	12	13	19	23	23	23	14
25	25	27	39	36	31	24	20	21	23	23	24	22	19	18	18	17	17	17	17	15	0.0000	0.0000	0.0000	0.0000	23
26	16	16	17	17	17	16	16	16	16	16	16	17	15	16	17	17	17	17	17	16	16	16	16	16	16
27	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
28	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	18	21	21	20	19	18	18	17	16
29	15	17	17	16	16	16	16	15	15	15	15	15	14	21	19	17	17	17	17	17	17	17	17	17	16
MEAN	17	17	19	19	18	17	16	16	16	16	16	16	15	16	16	15	16	16	16	16	17	17	17	17	16
PERCENTAGE OF DATA VALID -	21																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	15	13	13	13	13	13	13	13	13	12	11	12	12	12	12	12	15	14	13	13	13	13
2	13	13	13	13	13	13	12	11	12	11	11	11	16	16	15	16	15	15	15	15	16	17	17	15	14
3	15	16	17	17	17	17	16	17	15	15	15	14	14	14	15	15	15	15	15	15	16	18	19	18	16
4	17	18	18	17	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	14
5	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
6	12	13	13	13	13	13	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
7	12	13	13	13	13	13	13	13	13	13	13	13	13	11	11	11	11	11	11	11	11	11	11	11	12
8	12	12	12	11	12	12	11	12	11	11	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
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23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	15	14	15	14	14	14	14	14	14	14	14	14	14	13	14	14	14	14	14	14	14	14	15	15	14

PERCENTAGE OF DATA VALID - 48

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
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17																									
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22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	18	18	18	17	16	16	15	15	15	15	16	16	19	18	19	21	20	20	19	19	19	19	18	17	18

PERCENTAGE OF DATA VALID - 45

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAY 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	22	21	21	19	17	17	17	17	17	17	16	17	17	17	18	18	18	18	17	17	17	17	18
2	15	16	15	15	15	14	15	15	15	16	17	17	17	17	17	15	17	17	17	15	15	14	15	15	16
3	14	14	14	14	14	15	16	18	20	19	19	27	26	19	17	19	19	18	17	17	15	15	15	15	17
4	15	15	14	15	14	14	14	14	15	15	14	14	15	16	17	17	15	15	15	16	17	16	17	17	15
5	16	16	16	15	15	15	15	15	15	15	15	15	15	15	17	18	19	20	20	21	19	19	19	19	17
6	20	20	19	17	15	16	15	16	17	17	17	17	17	18	17	19	18	18	16	15	14	15	14	13	17
7	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	15	16	16	15	15	16	18	17	14
8	17	17	17	15	14	15	14	15	15	15	15	15	14	16	16	15	16	15	15	17	17	17	17	15	16
9	15	14	14	15	15	14	14	13	14	14	15	14	15	15	15	15	15	14	15	15	15	15	15	15	15
10	15	15	15	14	14	14	14	15	15	16	15	15	15	17	17	18	19	18	18	18	17	18	17	17	16
11	17	17	17	16	16	16	15	14	13	15	15	14	14	14	15	15	15	17	17	17	18	17	18	18	16
12	17	18	17	17	17	17	17	17	17	16	16	16	16	18	19	20	20	21	21	21	21	22	22	22	19
13	21	21	21	21	21	20	19	19	19	20	21	21	19	21	21	21	21	21	23	23	25	23	22	23	21
14	- DATA MISSING -																								
15	- DATA MISSING -																								
16	20	19	19	19	17	15	14	14	15	15	15	17	19	21	19	19	19	20	21	21	22	21	22	21	20
17	21	18	17	17	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16
18	15	15	15	15	15	15	15	15	15	14	15	17	19	25	29	28	30	27	25	24	23	22	21	21	20
19	21	21	22	23	21	22	22	21	21	21	20	19	19	21	22	22	22	23	22	22	23	22	21	21	21
20	21	21	20	19	20	19	19	20	19	19	19	19	20	21	25	25	25	23	21	19	20	21	21	20	21
21	19	19	21	21	21	20	19	19	19	19	19	19	20	25	25	27	29	27	26	30	25	25	25	25	23
22	23	22	22	21	21	21	22	23	26	25	25	24	25	29	32	33	33	29	27	26	25	23	23	23	25
23	21	21	21	21	21	20	20	20	20	20	20	17	23	23	24	22	22	21	15	14	13	13	13	13	19
24	16	14	15	15	15	14	14	13	12	11	12	12	17	19	18	25	107	45	21	17	19	19	19	19	21
25	19	20	20	19	19	18	18	19	18	19	18	19	20	23	25	27	25	25	22	19	19	19	18	18	20
26	16	16	16	19	19	19	26	24	18	19	19	18	21	23	25	25	24	22	22	21	20	19	19	19	20
27	19	17	17	17	17	19	19	18	16	15	15	15	18	19	20	20	19	19	19	17	15	15	15	15	17
28	19	19	17	17	17	17	20	19	11	11	10	10	15	15	17	17	17	17	15	18	16	13	11	11	16
29	15	12	11	10	10	10	11	9	11	11	10	10	9	9	9	9	9	9	8	7	7	7	7	7	9
30	11	10	10	10	11	11	11	11	11	11	17	17	13	15	13	14	15	15	14	14	13	11	11	11	13
MEAN	18	17	17	17	17	16	17	17	16	16	16	17	17	19	19	20	23	20	19	19	18	18	18	17	18

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUN 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	15	15	15	14	14	13	15	15	15	15	15	20	19	18	18	18	20	17	17	17	17	17	17	16
2	15	16	15	15	14	13	18	18	19	18	17	17	20	19	19	19	19	19	20	19	19	19	19	19	18
3	20	21	21	20	18	18	18	19	19	19	19	19	21	21	20	18	17	16	17	19	17	17	17	17	19
4	16	15	15	15	14	12	11	11	11	11	9	18	16	15	15	15	15	15	15	15	14	13	12	12	14
5	15	15	13	13	13	13	13	14	15	15	17	13	17	16	13	15	15	15	14	14	14	14	15	15	14
6	13	13	13	13	13	13	13	15	15	15	15	16	15	15	15	16	16	15	15	15	16	16	16	16	15
7	17	17	17	16	16	16	17	19	19	21	18	18	17	15	14	17	17	18	16	15	14	13	12	12	16
8	12	13	14	15	15	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
9	- DATA MISSING -																								
10	33	33	31	29	27	27	27	27	27	29	31	31	30	30	29	30	30	31	31	30	30	28	27	26	29
11	26	25	25	24	23	24	23	25	20	23	23	23	24	24	25	25	26	25	24	23	23	24	24	24	24
12	24	24	23	23	23	23	24	27	28	25	24	23	23	24	24	25	26	27	26	25	25	24	23	23	24
13	25	23	23	23	21	19	21	26	27	25	26	25	24	24	23	24	25	25	25	27	27	26	25	25	24
14	25	25	25	25	25	26	23	23	22	22	23	23	23	23	23	23	23	23	23	21	19	18	16	23	24
15	15	13	14	14	15	15	16	17	17	17	19	19	18	19	21	21	21	21	21	21	21	21	19	18	
16	16	15	14	14	15	15	15	16	16	17	17	17	18	19	21	23	23	21	21	21	21	21	21	19	18
17	19	19	20	21	21	20	21	20	20	17	15	17	17	19	20	21	21	21	21	22	21	21	21	21	20
18	23	22	21	22	21	21	23	24	19	23	39	32	23	23	23	24	24	25	25	25	26	26	26	26	22
19	20	19	19	17	18	19	20	22	19	18	21	20	19	19	17	17	19	19	19	19	17	16	16	16	19
20	15	15	15	14	15	15	15	15	15	15	15	16	17	16	16	16	15	15	15	15	14	14	13	13	14
21	13	13	13	13	13	13	13	13	13	13	14	15	14	15	16	15	15	15	15	15	15	15	15	15	14
22	15	15	15	14	13	13	13	14	15	15	15	16	16	15	15	17	16	15	15	15	16	16	15	15	15
23	15	15	15	15	15	15	15	15	15	15	17	18	19	19	19	19	19	19	19	19	18	17	19	17	17
24	17	17	15	13	13	14	15	15	15	17	19	17	15	16	14	15	17	18	19	19	19	21	20	16	13
25	19	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	16
26	23	24	23	21	21	22	22	22	25	23	22	21	22	23	23	23	24	24	25	25	25	26	26	26	22
27	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
MEAN	19	18	18	17	17	17	18	19	19	19	19	19	19	19	19	20	20	20	20	20	20	19	19	19	19

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUL 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	18	18	18	18	18	17	17	18	19	19	19	19	21	21	21	21	21	21	21	21	21	21	19
2	20	20	20	20	19	19	19	19	18	18	18	18	19	19	19	20	20	18	18	18	18	18	18	18	19
3	18	17	17	17	17	17	17	17	17	17	17	17	15	16	16	16	16	15	16	16	16	16	16	16	16
4	16	16	16	16	15	15	15	16	16	17	14	15	15	16	17	17	17	16	15	15	15	15	15	15	16
5	15	15	15	15	15	15	15	15	15	19	19	19	19	18	19	20	21	20	19	19	19	18	19	18	17
6	19	19	19	19	19	19	20	21	21	21	21	22	23	24	22	22	22	17	15	15	14	14	14	14	19
7	13	14	14	14	15	19	18	15	15	15	15	16	16	19	19	19	20	19	21	21	21	22	23	21	18
8	23	24	23	25	26	26	25	23	21	19	20	20	21	22	24	26	26	24	24	24	25	26	25	24	24
9	23	24	24	24	23	23	21	22	23	22	22	22	23	22	22	22	23	23	23	23	24	23	23	23	23
10	22	22	21	22	22	20	21	19	19	19	19	19	21	19	19	16	14	13	13	14	15	16	17	19	18
11	19	19	21	23	23	24	25	22	21	21	20	20	20	20	22	20	19	20	21	19	18	17	16	16	20
12	15	15	15	15	15	15	17	18	17	17	17	19	19	19	19	19	19	19	19	19	19	19	19	19	19
13																									
14																									
15																									
16																									
17																									
18																									
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25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	19	19	19	19	19	19	19	19	18	19	19	19	19	19	20	20	20	19	19	19	19	19	19	19	19

PERCENTAGE OF DATA VALID - 36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH DEC 72

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	19	21	21	22	22	22	23	25	25	25	25	26	25	24	25	25	31	27	24	23	23	23	25	25	24
10	25	25	23	23	23	23	21	22	22	22	22	23	24	23	23	22	23	23	23	30	27	24	25	27	24
11	28	23	23	23	23	25	29	36	41	35	33	29	23	24	25	25	27	29	29	29	30	33	34	35	29
12	34	37	38	41	43	44	46	49	49	49	49	49	35	33	32	31	31	31	30	27	27	25	23	23	35
13	23	22	22	22	23	23	23	23	23	24	29	29	31	33	37	47	42	42	39	35	33	32	29	29	30
14	29	29	29	29	29	29	29	29	29	33	33	31	29	27	31	31	37	55	38	33	31	30	30	29	32
15	27	23	23	25	24	23	22	22	23	23	23	23	21	20	20	19	20	19	17	17	17	17	17	17	21
16	17	17	16	16	16	15	15	15	16	16	16	16	16	16	16	16	17	17	17	16	15	15	15	15	16
17	16	16	16	16	17	17	15	12	12	12	13	14	15	15	16	16	17	18	17	18	18	17	17	17	16
18	17	18	18	18	17	17	17	17	17	18	21	21	25	26	27	28	27	27	26	23	25	22	17	17	21
19	15	15	15	15	15	15	16	18	19	21	25	23	20	20	20	21	21	21	29	31	21	18	17	17	20
20	17	15	16	16	16	16	16	16	17	16	17	17	17	17	18	19	19	19	18	17	17	17	17	17	17
21	17	17	17	17	15	16	17	18	19	19	21	20	19	21	21	21	23	23	21	20	21	23	23	21	20
22	19	19	19	19	19	19	19	20	21	21	21	21	23	25	23	23	24	24	23	22	21	21	21	21	21
23	21	21	21	20	21	21	21	21	21	21	22	22	22	23	23	23	24	24	24	22	22	23	22	22	22
24	21	21	21	21	21	21	21	21	19	17	17	17	16	16	16	17	17	17	17	16	17	16	16	16	18
25	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	19	19	17
26	19	17	16	15	15	14	14	15	15	14	15	15	15	15	15	16	17	17	17	17	17	17	17	17	16
27	17	17	19	19	17	15	15	15	15	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
28																									
29	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
30	13	13	13	13	13	13	13	14	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	14
31	16	15	15	15	16	16	17	17	17	19	19	19	19	19	19	20	21	20	20	20	20	19	19	18	18
MEAN	20	20	20	20	20	20	20	21	22	22	21	21	21	21	21	22	23	24	22	22	21	21	20	20	21

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1972

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	14	18	26
FEB	7	16	23	39
MAR	17	14	16	19
APR	15	18	27	55
MAY	29	18	25	107
JUN	29	19	29	39
JUL	12	19	24	26
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT		DATA MISSING		
NOV		DATA MISSING		
DEC	24	21	35	55
YEAR	155	18	35	107

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 72

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	84	367	23	0	0	0	0	0	474
FEB	0	131	16	3	0	0	0	0	150
MAR	2	356	0	0	0	0	0	0	358
APR	13	232	74	8	0	0	0	0	327
MAY	21	461	192	4	0	1	0	0	679
JUN	1	415	229	19	0	0	0	0	664
JUL	0	167	108	0	0	0	0	0	275
AUG		DATA MISSING							
SEP		DATA MISSING							
OCT		DATA MISSING							
NOV		DATA MISSING							
DEC	0	270	209	46	0	0	0	0	525
YEAR	121	2399	851	80	0	1	0	0	3452

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION										ARITH MEAN
	MIN	10	30	50	70	90	PERCENT 95	98	99	MAX	
58	6	12.3	14.4	16.1	18.6	23.2	25.7	30.5	34.4	107	17.6

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